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# SEQUENCE LISTING

<110> Friedrich, Glenn  
Zambrowicz, Brian  
Sands, Arthur T.

<120> Novel Mutated Mammalian Cells and  
Animals

<130> LEX-0051-USA

<150> US 60/157,651

<151> 1999-10-04

<160> 574

<170> FastSEQ for Windows Version 4.0

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<211> 442

<212> DNA

<213> Mus musculus

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cagaccccaa	acccacacc	ttccccggag	ccccctcca	taaaaaantg	ccttcccccc	360
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gcaaagtgtc	catcaaaagg	gc				442

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aagtgataat	agagaagaca	aagatcctgc	aaaccaaaga	aaacaccaga	atthtttctc	180
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acctggactt	caagcctgaa	gaccagcccc	atTTtgacat	aaaggacgaa	ttctgatgtc	180
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aaaaaaaaaa						310

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cgcgccacac	cgTcgatccg	gaccgccaca	tcgagcgggt	caccgagctg	ctgatgcaga	180
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tcgttaacta	tgtcaaactt	tttattttat	aaaatatagt	ctgctaatat	gtatattggc	300
ataagaattc	ccaacagcat	tttatgactc	cttggtttta	aaacctcagt	attaaattta	360
tcagtgtttg	tggtgcagca	catttaagtt	caacatagtc	cacacatttt	gttggagaa	420
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gttttgcatt	tttattgtta	gctccaaacc	atggaagttt	gaacttaaaa	tgctgaagaa	180
gcaatgcaaa	gatatctaatt	cagcattcgg	gacaccttgc	cactcttact	tttcttttaa	240
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tctcnatgct	gctntccagg	acanaagcnn	anaggnagng	agctttggaa	tccacccctt	180
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ataggtacta	acagtccagt	acaatagcaa	acaccaacca	tgaatcagta	gcagtggcaa	180
gatccagcag	aaacagcaag	actccatcga	atcggcacaa	gtcaacggaa	gacgccagaa	240
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<211> 411  
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gtcgggggtgc	caagaaaaca	ggcatctata	cttctgatag	gaagtgtgtg	caaataaaag		180
aaatgggttcc	agaatttgtc	gtcccggact	tgacgggctt	caagctcaag	ccctacgtta		240
attaccgagc	tcctgcaggc	atagacacac	ctctgaccgc	caaagcgctc	ttccaggaaa		300
cagttgcacc	cgctatcgaa	aaagacttta	aagaagggac	atttgatgct	aacaacctgg		360
agaaatccgg	tttnaancca	cacaggaagg	caagctggtc	caatatatcc	t		411

<210> 9  
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 <212> DNA  
 <213> Mus musculus

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gaacccactt	ctcttctcag	ggtctcagaa	tggcctagta	catatctgga	gcctacaaac		180
aagaagaata	gttaccactc	taaatggcca	tggggggccag	ggtgtaatct	ggctgaagac		240
actgccacag	ggacaccagc	tcctcaggca	gggtcganac	ctgcggctgt	gcctgnngga		300
cctggaggan	ggcaggaaca	ccatcatgga	ctcanntnag	ntggacagtg	tgggcttatg		360
caggggctcc	atcctgggtc	ggggacagca	gtgctggatg	cttgctgtgc	canggaaggg		420
cagcgacgaa	gtgccacctg	cgttaganat	gaanggccaa	gaagctgagt	gacctncaaa		480
gaggaagact	acttgntnca	tggcttnagg	ntggntcatc	cnctgaancc	tcagagnngc		540
atcttngtgt	gtctgtgggt	tgggctgaac	taataacca				579

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ggacagcttg	gcctacaggg	atcagaggaa	tgtatcagag	taccaggtta	acaaaggtga		180
ccgcacagag	gtccttaagc	ttctataata	aatttatcta	tctaaatcaa	aaaaaa		236

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 <211> 375  
 <212> DNA  
 <213> Mus musculus

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ctggggagag	tgtaccatt	cctccacaa	ctgctgcatg	tccctgtggg	tgaacagaa	120
caatcgctgc	cctctgtgcc	agcaggactg	ggtagtccaa	agaatcggca	aatgagaggt	180
ggcccaggcg	ctcctggtgt	ggttgctgac	cctggacaaa	gactaaacac	tgcaggggat	240
tcatccttga	gagagagagg	atgctgtgcg	cctttgagac	tcaccaaagg	cttgctttat	300
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ctttcctacc	ttggg					375

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gagtgtaggg	tccccacgca	gaagtcctat	agttccagng	aaaccttgaa	agctttcgat	240
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gacgagtata	ctanacaagg	acngaatttt	accctaaggc	agttaggagt	gtgtgaatcc	360
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 <212> DNA  
 <213> Mus musculus

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 <222> (1)...(314)  
 <223> n = A,T,C or G

<400> 13						
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atccctgcta	ctccgccatg	tttgggcccc	aaggcttttg	gcgaggtgga	gctganagcc	180
acactttcaa	gtagaccgag	gttgtggaaa	ctctccctgc	ccgcccaggc	acatgccagg	240
ccttaccctt	ggacagcagg	gctctcgggg	accctcagtg	cctttaataa	acctgatctt	300
tggaaaaaaa	aaaa					314

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 <211> 336  
 <212> DNA  
 <213> Mus musculus

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 <221> misc\_feature  
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 <223> n = A,T,C or G

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tacctggagg	aaccctcac	ccaagtagca	gcatacatac	agcgtgagat	gccaggactt	180
ggaagggtgcc	attncnagg	tggncaacct	tntgntatnt	ntgtatgcca	nggagaccgt	240
aagcttctaa	tgctctnggc	taacgcccac	gccctgggtgc	antacctgga	ggaacccctc	300
acccaagtag	cancatcata	acagcgtgag	atgcca			336

<210> 15

<211> 280  
 <212> DNA  
 <213> Mus musculus

<220>  
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 <223> n = A,T,C or G

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gttcttncct	ttttgaagan	cttaaaancct	agganccctt	ngtctgtcac	accaggcctg		180
gggctggggg	acagaaccgg	agcacacacc	ccctacanct	gtcangnggg	ggatggaacc		240
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<210> 16  
 <211> 329  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(329)  
 <223> n = A,T,C or G

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angagnctg	ataaaagaag	tnaagctttg	aaaggctctg	caccttgccc	atggccatca		180
ctaactgctc	cgaatccaca	agatgaagac	gtcggctaaa	cttgagcaag	ctttgttaga		240
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aaatgtatct	gtgaatacca	aaaaaaaaa					329

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 <211> 374  
 <212> DNA  
 <213> Mus musculus

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ccacatgcc	aactgctctg	gagtcgccg	aggcatcagc	agatcccagc	cgagccttga		180
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agcagctcca	gacccactg	ntaccggaaa	gttacaggta	ccggaaccga	gaagaccaag		300
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ataggattaa attttacctcc aataaaactga acttgattgt taaagcaata atattttagg 180  
gccaagtgat tcagataatc accacaagta ttacatatt ttcaacagct ctatcttcct 240  
tgtgattttt tttttaatta ttattatttt tagcctgaaa agngaataaa aaagcttggc 300  
caaaccacaac aaactaacat ctntatgaaa atgttaaatac tgggcattat ntgnantttt 360  
tnaattaagn attttaatttt ctaaaaagta aatggg 396

<210> 19  
<211> 115  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(115)  
<223> n = A,T,C or G

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<211> 427  
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ccttggtttc tgtagtgcta ctagcttgag ccgttnctga cagtttatgg aggccatcaa 360  
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aaaaaaaa 427

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<212> DNA  
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gaaaatcaaa cagtacttgg aggactcttc ggctgaggcg agcagcgact tggacacatc 180  
accagctgct tggaataaag aaggtttgcc actctcctgc cttgccatng ncgtaataca 240  
gaatgaaatc actctgtgga tcagtgtgta ccgggagata aagctggcat ggggaacttg 300  
caggcagata ttctttattc atgtgctata atattttaca tgtaaaacttg gaaaaaaaaa 360  
aa 362

<210> 22

<211> 330  
 <212> DNA  
 <213> Mus musculus

<400> 22  
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 tggccgtttg ttctactagt caacaaagac tagtatcttt ccgttctaag ttcattcattg 180  
 aatgagattg ttcttctgat tagagtagaa aactgaaggt tcatgattat ctaggtaaga 240  
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 aaatttagat ttctgcatga ataaaaaaaa 330

<210> 23  
 <211> 535  
 <212> DNA  
 <213> Mus musculus

<400> 23  
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 accgagagcc ttccacatga ccaaggccat gttgccaggg acatatccta ggaccccaga 180  
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 agggatccgt ggtatgatgg gaccacccag acctcaggct gacctagggt gaaccgatac 360  
 actgggacct agacattttac gtcaggatca ggagtcgtgt ggacacgtcg cctacacctg 420  
 cttcctgaga tgatgtcatg tgtaaactact gcttcggctt cgtggctttc atgggtttca 480  
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 <212> DNA  
 <213> Mus musculus

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 ctgagagtct caagctcgaa gctggagaca agaagcctga aaccaagtaa cttcaaaaagc 180  
 atgtagatcc tagaggaaaa ggcctcacct aaggttgtct gtaaataaac tccaatggac 240  
 attc 244

<210> 25  
 <211> 439  
 <212> DNA  
 <213> Mus musculus

<400> 25  
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 cacttggaac tgaactctgt gtgccttttt gtccaagcac aggggtctgtg ttacaccagc 180  
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<210> 27

<211> 256

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(256)

<223> n = A,T,C or G

<400> 27

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atctgtgcaa gggcaacatt cttcagaatg gcaattgtgg agttactagt ctcaactgct 120  
gcaagagaaa atagagaaga agtcaaagat ncagtgaacc naagaaaaca atttgcacct 180  
ccatgaagat gaaccaaaca taaactaaat taaagttcct tgattaaatg caaacgcatg 240  
ttggtaaaaa aaaaaa 256

<210> 28

<211> 135

<212> DNA

<213> Mus musculus

<220>

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<222> (1)...(135)

<223> n = A,T,C or G

<400> 28

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<211> 186

<212> DNA

<213> Mus musculus

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<222> (1)...(186)

<223> n = A,T,C or G

<400> 29

acgtcagttc acaatgccag ncctggaant gagttactgc anaggaaaaa accacacata 60  
gcctatgaga gcagtgaggg ggtggagaga anagggtggat gtccccctta cttcnaacat 120  
gcttttgaca cacaccaact tnnngngnttn gatctggtgc aaattaaaag accaatgtga 180  
gatatg 186

<210> 30

<211> 335

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(335)

<223> n = A,T,C or G

<400> 30  
gacatagtct gtggtgagtt ggaagaaggt gaactggaag acgacggggc tgaggaggtc 60  
caggaccccc ctggaggaca agagaggagt cggaaggaga agggggagaa gcaccacagc 120  
gactctgagg aggagaaagtc tcaccggagg ctgaancgga agcgggaagaa ggagcgggag 180  
aaggaaaaga ggcgctcgaa aaaaaggcgg aaatctaagc ncaaacgcnn tgcttcctcc 240  
agcgatgact tctcngact tctcanatga ctcanatttc anccccagtg agaanagtcc 300  
cgcaagtacc gggactntag tccccatac gcacc 335

<210> 31  
<211> 144  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(144)  
<223> n = A,T,C or G

<400> 31  
tcttgaagcc cagaacatga tnaagggttg ttcgggctcc ttgaatataa ctctacaatc 60  
gagcttcgat gtgcaaggca cgagtgatcg ggtntcgtcc anaagggtga acctaataa 120  
gtaaatnccc ttgtgccat tacg 144

<210> 32  
<211> 138  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(138)  
<223> n = A,T,C or G

<400> 32  
ttaaatagaga gactcacnga nctgcacttt ccgcaaaagn ccnaatgng ggccccgtac 60  
cctctgtacc cagcgganat agngcctgc tcttntcct cctgccgctt tcacctacc 120  
ngcttcactg gatgccca 138

<210> 33  
<211> 480  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(480)  
<223> n = A,T,C or G

<400> 33  
gactgagctt agggcngtct aagaataatg ctatnataaa cagccgacct tantgcaaag 60  
atattggcgt ttccaagaca acaagataca agatatatgc tttggagncc taggagaatc 120  
ttggattcaa agacctgtan nggncaggta ctacagtga ggtcaagagn ttgcagcaag 180  
angactcatt natagaagga gtgancgacc aangccttgt ggctgtggtg ntcagcttgn 240  
cgntgaccgn tactntcctg tatgcacttn tcagaaatgt ncnnctgaa catncatcca 300  
taaaaccang agctaggcng agtgcttcna gaacaatncc naacagaaca ggatgtgnct 360  
gctcctgcc gacagcagta tctacactga aatgnnctgt ccaatctgct tacatcaagc 420  
ctcctttcct ngttgaaaca aactgtggac atctcttttg tgggtctgct aattgcatac 480

<210> 34  
<211> 219  
<212> DNA  
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 34
tcactaccgc gtgttccaca ccattagtca nngagggctc actctaggac acaagctanc      60
ctaggactgc tngaggncct tncagcaaga cgannnggtgc ttngnganaat tttntcccca      120
tgtgnggntg aatangctgg aannncactt ttatcccat ctgacccatt aggaccttgn      180
naacatagaa ttaaaagcga ntaatctgga aatctcaca      219

<210> 35
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 35
cttatatatt gatgccaaaa taggancatg gtgngncnga cnncaaggc canctctgga      60
ggcaaccct atgccatgcg ttggaaacan caccgngcc tctggnaaga anccgggnag      120
aggaaccatg gangaggatc ctatggatgt ct      152

<210> 36
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 36
actgagggaa ctgcagcaac aaggaatgcc tgttcctgca cttgaagcca gttctcaagc      60
tccaggactg cccgtggtat aaccaagggt tctgcaagga aggtcccctg tgtaaatacc      120
gccatgttca tcaagtactg tgnccaact acttcaccgg cttctgcccc gagggacctc      180
agtgcgaatt tgggcaccat a      201

<210> 37
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 37
gggggcggaa agcgaaaacc actccaggnt ntnnctttgc tttgcgttcn ctggatccac      60
ccccacgcct ggtaaggnc cagcaacat ggcaggncat agaggagag taaggctata      120
gaagccaatg gagggagggg actcatggaa agntggccca aacccaacct gacccacac      180
tggcaccttg ctagcccaat aataaacatt ttgctgatc      219

<210> 38
<211> 289
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

<400> 38
gaggactttg gaaatcctaa atggccnagc tactgcaatc tccacccagg ttccttcctg      60
aggagtggta tattgctaac aaaagccagt accanagagc aagaggncce ataaggtccc      120
tgnnnctaga acgcttggtt ggcannagag ccagaaggct tngtngngaa gaaattgaga      180
agaccaccag gaagtctnag tagcgacgtg aacaangaaa ctttgngnca gagactntga      240
gngagggtca agngttctcg ggaagnaagc nnttacaatg acaaaactt                    289

<210> 39
<211> 138
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(138)
<223> n = A,T,C or G

<400> 39
gccataatta cttcttgttg aactctenga ggtcggacng gagangtgac atggntcctt      60
anattnacat gtgcttacgg agaaacnggn ggtgcgtctg aanagcccag aacacagtct      120
cggagagtct ggcccccg                                     138

<210> 40
<211> 129
<212> DNA
<213> Mus musculus

<400> 40
taagcctggg tggcaacctt caggtggcac tggaaactac ctggttcctg gacatgcccc      60
gtagaaggcg ggtcccagt cggcagcagc taaggttaagg gatattaaat gtatccataa      120
acaaaaaaaaa                                           129

<210> 41
<211> 223
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 41
actgaggtaa cattcaggaa tcctgggntg atgatacatc agccttcggt tctctcagcc      60
agccagaaca agtacaaatt ggtagtggtc ctacacatat gttttgtttg ttaatgaggt      120
gggggtggtc acctttatga cagctgtggt ttcaggcagc tagctggctc acttagcatt      180
tctgcttggt ttatttttag cttgctagtt aaataaagaa aaa                    223

<210> 42
<211> 482
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(482)
<223> n = A,T,C or G

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<400> 42  
gactgagggt tttgcggcct ccagggtggtg ggtccaattt ttcattaggc tttgatgagc 60  
cagcagaaca gcctgtgagg aagaacaaga tggcttctaa catctttggg acaccggaag 120  
agaacccccc atcttggggc aagtcagcag gttccaagtc tagtggtggc agggaagatt 180  
cggagtcgcc tggaaacacag agaagtaact cttctgaagc aagctctgga gatttcttag 240  
acctcaaggg agaaggtgat atgcatgaaa atgtggacac agacttccaa gccaacctgg 300  
cgcagatgga ggagaagcca gtgcccgtg ctcctgtgcc cagcccagtg gcttcagccc 360  
cagtgccatn caggagaaac ccccctggcg gcaagtccag cctggtcttg ggtagcttc 420  
ttgngttgga actctgncct tttgncctgnc tggttggtgg cccatgcttg ggaactgcac 480  
ag 482

<210> 43  
<211> 379  
<212> DNA  
<213> Mus musculus

<400> 43  
ctgagttaca ggatgttaga tccggtacag aagagaatga ggaaaagcta cttatcagag 60  
gaaagatcac cgatcactgg acaaatcgta accaggctct ggacctgcaa cattccaacc 120  
tctccacaca gcgcggtggc tctgattggc ccttcaacct ttacaaacac agctgctttc 180  
taggaatgcc ctcccacact agcaattcca tgcacctacg agctaagatc tggcatcttc 240  
gagtgccatg caagcagaga ttcaaagtca atgtctcaaa actaaatcac tttttcttta 300  
tcttgagaca cacattcttt ttcttttgtt tgacaataaa ttaggatgct ttgttttttg 360  
gctttttcaa aaaaaaaaaa 379

<210> 44  
<211> 487  
<212> DNA  
<213> Mus musculus

<400> 44  
gactgagcat gaccctgcct ctcccttacc gccatgatgg atcagccagc tcagtaagcc 60  
tgctcacacc tctttgtcct gacctggaag gaaagaaaga ctcgatgagc atgaggatca 120  
gcacaccgtc tgcctcagct ccctcccgtc cccgctgtgt ttctccatct ctgaggcatg 180  
gcatgctccc atccatcccc actgcgggaa tgaaccacg tgcagcagct cttcaccccg 240  
gggagtcgcc atcggccacg tccttctagc tgtttaaaag tcaactagcc acaatctgga 300  
gtcgcctggg aagagagccc caactgacat tgcctaggtc aggctggtct atgggtgtgt 360  
ctgtgaggga ctgactgttg atccatatgg gaagaccacg accaccattc cctgggcagg 420  
tgaccctgga ctatgtaagt gaagaaaact tgctgaacat aggtggttaag caagcagtgc 480  
ctccaca 487

<210> 45  
<211> 458  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(458)  
<223> n = A,T,C or G

<400> 45  
ccgtaccgga agcatgaagc cagaggngcc atgcagaggn ccctgctgaa gctccaagct 60  
cactgagctg ttagagegcc tgcanagaga cagggangat ntgggttttt ttggaaacct 120  
tatntttcca ctcccttttag cagngatcan gctgatacct tgnacagatct tctgcctgcn 180  
caagtgtctg cagccgtgtg actgnntgta cncaaactag gacctgncca gacgncagtg 240  
angatnagtn nnntgnactt gctgccttng cctgancaan gctatnacac tgaggctggg 300  
cactctgaag gccttcaagc tgagccgcat tcacttggga gcagcttcta cgggtgtaang 360  
ataggatnat ctgctccacg cacgggggtca ttgcaggnga agcacttggt gcaggnggcg 420  
aaatccacta tactggtnga caaatgtgat ctaactac 458

<210> 46  
<211> 174

<212> DNA  
<213> Mus musculus

<400> 46  
gagcagcacc ttggaatgcat agagaaccag gttccctttg gaaaatattc actcgcttcc 60  
accagcccaa acccgaagg accatcagta cgtgaggcct acaacagggt tctctgtttt 120  
cctgtagcca gcctctctga tgctcccaac aatgtatttg aaaagcacct tgat 174

<210> 47  
<211> 196  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(196)  
<223> n = A,T,C or G

<400> 47  
gactgagaaa aattttaagt gcctccttat gccaaaggaag ggccagggtt tggatgactt 60  
caactaacag tagagattgc tgccttaggg actaagnnta cacacatgaa taaangacgg 120  
aaattccagt taaaaggnaa aggagnncgt ggggcctant cncnnggtc angncncaag 180  
gactaagtat cgacgc 196

<210> 48  
<211> 548  
<212> DNA  
<213> Mus musculus

<400> 48  
gactgaggta ttgtccaggg ctttctcaca gtccttaaag acggacctca gacgtgcac 60  
acgtggacct ctgaaaaaac catggagctc attgctccaa agccaactgg agagcttctc 120  
ccaatcctgc tgctgctgct gttacagctg cttacaacag ccattgtcgt ggctagagtc 180  
ttatattcac tgtgacacca taggagaaat gattccactt ttgctgtctt acatgacct 240  
ataaaaaggag gcacatccca ttatactctc aaacctgtgc tgcactcagg gagaggttat 300  
aacctcatta aggatctttg gagccatttt ttaggtcttg gcaaccatgg ttcttgaatg 360  
ggtaactgct ggcagaacat gaaatccttc ctaaactgat tgtccacttt tttctttgac 420  
attctcttga gaacagccac tagtttctca gtgtgcttag caaatatgaa tttacaatat 480  
aaatcaatat ggacattcat gtttcacaga cttcaaaatt acatctatga gcatattttg 540  
gcacatag 548

<210> 49  
<211> 208  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(208)  
<223> n = A,T,C or G

<400> 49  
tcagctggca tcaatcagga tcccatccct gagaggactg catcaactct tttggaaact 60  
gtcttccac cttgatgcc tgogctgtgc agcttctgaa aatgacanac agggaaacgt 120  
caccctggcc atgghanantg naangctngg ataactagan gattttcttg gaacagatan 180  
gncctttccc tagtgccata gaaaacaa 208

<210> 50  
<211> 104  
<212> DNA  
<213> Mus musculus

<400> 50

gcacacgccca ttcacgctgc tcaagggcag gtcggcacca gtatcagggg cttcggcacc 60  
tgcaggaatg tcaaaattaaa catctgttaa tagtaaaaaa aaaa 104

<210> 51  
<211> 239  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(239)  
<223> n = A,T,C or G

<400> 51  
ctagacgatac actctnncna gagtgactct cgncgaaaac ngacagaaat ggctnncngga 60  
tgagatggac tctgactggc gaancacctt tgagcttgtn acctagcagc tggggccagt 120  
gagagngnac tnaaacnctc ntgcctcagg ntcttanaac agnagtggcn attgangctn 180  
acanaataac atgcctnttg ggcaaggatg atnggnctcc tggctaattgt tcaatctag 239

<210> 52  
<211> 539  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(539)  
<223> n = A,T,C or G

<400> 52  
tgaggtagaa gccctcattc ttcattctacc cttttttcag tatctggcac caattctggc 60  
cccattcatt gtggcccatg gctcttgtag tatgccgaag atttacaggc agtttctgtg 120  
gaacatttcc ctgtccacct ctaatgaagc cccgtcaaac aagaacatgt gattttgctc 180  
tgactgccaa gaagatcagc acagactcca gaatgtcagc cgctctcaag ctattagaac 240  
ctttaaagta caaagcacct tgtaatcctg cttaccgtgc agcccaaagc gtggcccat 300  
ggcacatggg aaacatcacg ccacacgggg gacagacgct ccctgaatgt aatagctcct 360  
gccatcttgc cagaaaagtg aagaacggtg gtggtaccac ccttcctcgg agaaccttca 420  
cagccagcag tgcccacctg ggtttggagt tcaacaaagc ttctaccctt aatgccagca 480  
cactgcatnc agactcatcc agtgctggag gaggtgaaga ggatgtagag ggctttgat 539

<210> 53  
<211> 181  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(181)  
<223> n = A,T,C or G

<400> 53  
actgaggtct ttggatgcag cccagggncg caccaaatca tgaagatctg ctttaattcta 60  
ctgcgtcagt gctcggacta aaagactgtg ccaacacacn annctatcat gaaacttttt 120  
ttgtcngng acaggatctn gatagaacag gctggccctc aactgggttg gctagtagag 180  
g 181

<210> 54  
<211> 203  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature

<222> (1)...(203)  
<223> n = A,T,C or G

<400> 54  
cctatgtgag aagctcngag ggtgangcac cgtttcgaac tctgcagtgt gcaatgaaga 60  
cgaggaagtt ccagcatggc ctccgggggat gttggctaag ggacagagcc cgaaagagtc 120  
cttcacagag accacatatt tatctccctg gatgctttat aggccttaat aaaaaaatat 180  
caaaatagtc tataaaaaaa aaa 203

<210> 55  
<211> 238  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(238)  
<223> n = A,T,C or G

<400> 55  
tgctccatc acttgcaaag aaattgttcc catggtgnta cttgncattc tatttcccaa 60  
ttactctacc gccctcctac ttggcatgtg nttgcccagn tcacaggaga tggactatatt 120  
attaaaaantc ctgaatcaga gaaataggga tctcaccagc ttgntgccag gaggaaggga 180  
ancatgtctc accanaacac agctacatcg cctaantcag gatgaaaact ttatttta 238

<210> 56  
<211> 133  
<212> DNA  
<213> Mus musculus

<400> 56  
ggaggctgat ttttctttgc actggacacc accctgttag ttcctttggg caatggggaa 60  
gtcctgtctg cgggctggat cttctaaaag caaaagtatt aaatgtttaa gagttttcct 120  
ttaaaaaaaaa aaa 133

<210> 57  
<211> 292  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(292)  
<223> n = A,T,C or G

<400> 57  
ggccatggct gggcttgnac ttctctctgc agtccgggan gatcctcttn cctcagccct 60  
caaggngact gngacgatag gccngacctt ccatgccagc ctgattcccg tgaaactttg 120  
ngaacciaan acttntgctc tnataangag cttaacantt cttntctgtnc aaancttggg 180  
ctanaaatgg ngtngtggtt gangactatg ncaaagaatc tcaggcccna ggatgtcatc 240  
gaggaatact tcaagtgcaa gaaataaata aatttttggt gaaaaaaaaa aa 292

<210> 58  
<211> 496  
<212> DNA  
<213> Mus musculus

<400> 58  
ctgagcccca ccccagacaa ctcttctcatg ggcttcgtgt ccgaggagct caatgagacc 60  
gagaagcagc tcatcaaaga tggcaaggcc agcaacatgg cgggtggtgta cggcaaggag 120  
gcgagtatct ggaaggtgag ccccagcaag ccactgtcca accacaccgg ctccaatgag 180  
ggccataccc acaacacttg ctgagtgtgt gtcacaccca cgccagtacc agacacattc 240  
actgtacctt ctgtgccttc acaaggacag gccacagccc cttctgacac aagccgtgtc 300



caccgcactg	ccaccaccac	ccaagcatag	gccacagcca	cacagatcat	ctgcatgcca	360
gcgctggaca	cgctaccgc	acctggttct	ggtgctgac	acccccataa	ccaggaaggc	420
tccagccaca	caatgacagg	gcttacctag	ccaaggccat	gcctctgcag	tccatgcctg	480
aagctgcagg	cacagg					496

<210> 59  
 <211> 172  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(172)  
 <223> n = A,T,C or G

<400> 59						
gactgaggtg	ggtttggnet	gagtatacct	gngcaggagc	cataattact	tcttgtggaa	60
ctctcaaang	ccaggacagg	nggcctgggc	ttggctccat	ancncnatgg	cactnnaagg	120
tcacnacttt	ggctcngaa	ttcccnagtg	atggggaata	tatttaaaaa	aa	172

<210> 60  
 <211> 162  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(162)  
 <223> n = A,T,C or G

<400> 60						
gactgagtc	cagaaatcct	ggntaggagg	gcactttgac	caaggaggga	gtgtgtatat	60
attataccaa	gctccaaaga	ccctcacaga	tgtcttccag	gatgtcagat	ttgtcagcaa	120
cttgtcagat	gtttctgtgg	tcgtttggtc	aagaaaaaaa	aa		162

<210> 61  
 <211> 163  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(163)  
 <223> n = A,T,C or G

<400> 61						
gcaccaaact	tgagacgagg	gattgttct	ggcctctagc	cctcctcaca	cccagtttta	60
tttattggtt	tggctcttgc	tctgagaggt	ctaattctct	ctcaattctt	cctaaactgg	120
gctgcatgct	gnctgagcac	aggaaagata	gcaggaatgg	aag		163

<210> 62  
 <211> 189  
 <212> DNA  
 <213> Mus musculus

<400> 62						
tgaggacccc	cacggcacga	gtattctgtg	gccagggccca	ccgcctcacc	ctcctctgca	60
gtctctgtca	cataggcatc	catggagggg	ctgtccaagg	cttctacata	actccagaat	120
tggaagatgg	tgaactgctc	ccccggggcc	ggttggggcc	tcctgggcag	cttctgtaag	180
aaaaaaaa						189

<210> 63  
 <211> 124

<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(124)  
<223> n = A,T,C or G

<400> 63  
agtttgacaa ccaaaatgag nacagacttt accnatatac atcgaggatg aagagacttg 60  
ctcccagtag agaaccactg gtcttgntct ttaagagtct gttctgactt tcctaggacc 120  
actt 124

<210> 64  
<211> 229  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(229)  
<223> n = A,T,C or G

<400> 64  
tgagggtgggg tctttcaagt gcaaggcctg gtgtgtacaa caggatctct tagaaagaag 60  
cacagctggt ttctgcagt ngcgggcccc gaaccacacg accggcagct ccagccccag 120  
accacagctc gctggatttt cagaagttcc ttgggccaga agtgccagcc agatcactct 180  
ttctctcagg tcacatatgg tacataaatc actttgcaaa agaaaaaaaa 229

<210> 65  
<211> 190  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(190)  
<223> n = A,T,C or G

<400> 65  
ataagcagat cctgggtgatg tgtgntcatt actgagagat tcctctccca cccacacaaa 60  
ctgtatntac aggggtgggga cctgctggnc acaggcatgc caatactgtc tgaagactng 120  
tatttgcatg anacnnttga cactgatcac ctctcanctc aggcctgact ccaaccacag 180  
ggaggagatg 190

<210> 66  
<211> 331  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(331)  
<223> n = A,T,C or G

<400> 66  
gactgagact tggagcaaga cttctttaca gccaacact gaggttccca ggtacgagnc 60  
acaaggaagc catgtgattn ctgngtcgcc cagaggctct gcagcccctg cccctcctct 120  
ccaccgagct cccttcacag gattgcacct ctgccagcca ggaggctgga gtgtagatgc 180  
tctatgaggt ggctgtgcca gaagagccac gccaaggcca tcttgagac tgaaaggagn 240  
nngnttgcc cacactctat ccctgcccac gcacctttgg ccatgaactc cgtgacaata 300  
aagatgggct cctgagagac caaaaaaaaa a 331

<210> 67  
 <211> 239  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(239)  
 <223> n = A,T,C or G

<400> 67  
 gttccataat gggagtggtg agcngggccc ccctactgtc accccgagga gcagtataca 60  
 ctcggggcaa cggccctgcg gtccgtcatc atctttgctg gcttccagac agctccgatt 120  
 cagacgtgga ggaagtgacc atggaagana nncccgatc ctcccgacct cccagacga 180  
 atctggcaaa cctacgcagg ggctggttag cctccccagg acccgggatc agtcaagaa 239

<210> 68  
 <211> 112  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(112)  
 <223> n = A,T,C or G

<400> 68  
 aactgagaga ccctgggaga aggtcaacaa caagaatgan ttgagtnntt gnnnaatacc 60  
 cncaggggnn gtgttacaca cttnaagggc gtgggtcttg tgcttctcac tg 112

<210> 69  
 <211> 113  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(113)  
 <223> n = A,T,C or G

<400> 69  
 agttaataag gggggngctg gcggacaccc tcagcctgac ngtgcattga tcccgacttt 60  
 gtcagatgga ctttnaagac ctatttcaat gaaatgggtg agaataaaaa aaa 113

<210> 70  
 <211> 617  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(617)  
 <223> n = A,T,C or G

<400> 70  
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 gtagcctgag ctacatgaca agatcccagac tcaagacaaa cagacctcat atctagtcac 120  
 cataattatt gtttatttag acttgctccc tcctccctct gatttcccag gagcctgtgg 180  
 gtatcctcag tctctgagaa aataacagcc agcatctggt acaggggctc tcgggtgcttc 240  
 tccagtgagg caggaacaga taaatgagaa aaggaaggaa tcaggttgaa ggcttccgct 300  
 gccatcttgg atgaagaggg atccagaatc cagcctggag gtcatgtgat gctctcgaca 360  
 tttccaaagt gcctcttgtt gcttctcacc acaaccaaga gatgcacaag gaaaggaagc 420  
 ccataccctg tagtttgcaa gccccagtg tgccgggagg gacctgctca aggtcagaga 480



aggattcaag tgctaaatgc acagtccatc cttgctttct ttggatattt tgctcaagna 120  
 tgtatgtgtt gggtttgagn acttatattg tagagtatgt caaataaata ttgatttacc 180  
 aaaaaaaaaa 190

<210> 75  
 <211> 192  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(192)  
 <223> n = A,T,C or G

<400> 75  
 agactgagtc ctggtacctg ntgtngccgn gttgccttcc ctccctnctt ntcanngggg 60  
 gantcccagg gngaccgnnc cagcctgcat ttttggtgga aaattagatg gagtgagaag 120  
 ccccctgcgg actcccagct ggatggaaaa gacaggagga gaaaaggaca aagacaaaca 180  
 ggaaaaaaaa aa 192

<210> 76  
 <211> 107  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(107)  
 <223> n = A,T,C or G

<400> 76  
 cccattatgg gctccactat gttggncgac acctctgnct cctgcaggag atatcgggng 60  
 nggcccngag cctctgtcnt taaactacct catgctttta acatcaa 107

<210> 77  
 <211> 401  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(401)  
 <223> n = A,T,C or G

<400> 77  
 gactgaggct tgcaactccc gggggntctg cctctgcntc tcttgcttcc gctgttggtt 60  
 ccctctctgt ccagctcccc tcccgnctct gccctggaga atggctcaaa aggagaacgc 120  
 ctacccgtgg ccctacggct caaagacggg aaggctcctg ccacattccc cgccccacgt 180  
 cccccggaag aagagtccat gaagatagag gctggccttg caaatggccg gactctaagc 240  
 gtntncgacg tgtgggctc aagaatttgc ttgcaaaact cagtctgac acttgacgtc 300  
 ttaccgtagc agatgttgcc aacctgaatc tgagggttc cgtagagctg agcctgctcg 360  
 tcacgtacaa taatagttgg gactgagcaa acatcataaa a 401

<210> 78  
 <211> 127  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(127)  
 <223> n = A,T,C or G

<400> 78  
agaagaacaa cgtaananaa tgantgcttc tctggtaaaa cannggggag ggggntatta 60  
accttcnagg atnctgtttt tcgcacttct catcannaag aatgggaatg tctcaatttt 120  
gctcaga 127

<210> 79  
<211> 145  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(145)  
<223> n = A,T,C or G

<400> 79  
ctgagtgtga tccctgggac ccacatgatg gaanagaana gagcaacctc ccataaactg 60  
ncctctgact tctacaccaa ngctgtatgt agcatgtgcc cacacacctt catgcgcata 120  
cacaacgaaa ataaaaagca aaaga 145

<210> 80  
<211> 110  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(110)  
<223> n = A,T,C or G

<400> 80  
ggattctagg gaatgacana atttcctgga ngatgaatgg agggnggnna tgntaccctg 60  
tgcctgacgn aggcantaac cgtgncagat ngtgacaatt tagaaaatat 110

<210> 81  
<211> 322  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(322)  
<223> n = A,T,C or G

<400> 81  
tgtaaaggga aataagggaac ggccctgaaca gacttcctgc tncctnctgtt ggggnngggg 60  
gngatggcca cagttaacaa aggcaaacca caactaagga aaaaggtaca tccagcantg 120  
gctaattcca caacnaaagt catatcggaa gaaaagatgg ngctcgtttct ttactttnaa 180  
nataaccag aggtcatant aaacaatang nggggagatc gaaaggctct gctatcacag 240  
gntccagtgg caaaagggnag tgtgcagact tggggggcca naattgcatn ncaacgcaag 300  
cagcattgca tgattttggc ac 322

<210> 82  
<211> 108  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(108)  
<223> n = A,T,C or G

<400> 82

gactgagcct gcttggatgg cagtgagcct cagttcgttt aggtcgtctc tacctgttca 60  
gcttcagtga gcacaacacg ggtaaacctn tgcttgagct cgagtcct 108

<210> 83  
<211> 277  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(277)  
<223> n = A,T,C or G

<400> 83  
actgaggtgt gacgaagaac agtctctgta catgaagacg aagacgactg ctctgggctc 60  
aggtatatct naaccttggn tctgatctgn gagaaaaaga gaccacctgg atctggcatc 120  
ccggnnttttg aatccaaaca tcctctctct gaggnntnttt ctctnaggg aagnttcccg 180  
ctngncagct tnganacct canaagagag ccttgnattg gaaacgtctc cgtaaangc 240  
gataacatgc ccttcgntat tcaccacaaa aaaaaaa 277

<210> 84  
<211> 133  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(133)  
<223> n = A,T,C or G

<400> 84  
actgagaaag ctgttttttt taattttgat tttctcaaga cataaagtga aggctgcttt 60  
tcactgtct gcactatcgg nntggngnngn ncganngcc aactaaccgt atataaccct 120  
aggaaaacttt taa 133

<210> 85  
<211> 332  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(332)  
<223> n = A,T,C or G

<400> 85  
gggccttggg gcctagaatg acagcaaagt aaaaccagtc tcaactcctg aaggctctcg 60  
nnctgcacca ggaatgcgtc catagccaga tcctgcaggg gagacctgac aagatgagag 120  
acagcacaga cttggaagcc ccgcctcctc tgtggatctg aaggctcctc tgtagaaaag 180  
acaggacctg gggcctgaga ggcgaggccg ctcaacaaca gaacagctca tgatgaagct 240  
gagtcctggc tcgaactcgt ggacttgag ccttgagcaa ccatgcctgg cttggcttta 300  
ctgttaaaaa tacttctctg taataaaaaaa aa 332

<210> 86  
<211> 327  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(327)  
<223> n = A,T,C or G

<400> 86  
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tccttgaaag gccaaaggcg ctcaagaagc caccgcccag gacttgcgac aagctgggcg 120  
gcggccgaag acagtccttg ngagagatgc ccagnatccg gcggggctgg cttcgcagat 180  
gccccgtgcc canccaggct gtccgctgag atgcccgtgc ggctgcttga tcggctcgga 240  
gcagcttccc ccaggaatga ctccagccgt ctgggaagca aggagggaca gggtttggag 300  
caataaatgt ccccaaggcc cgaaaaa 327

<210> 87  
<211> 182  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(182)  
<223> n = A,T,C or G

<400> 87  
accgaggact tcagggccct gnanaagact gttgaggaca tnaanntatt ctaanccacc 60  
ctcctgntct tctttctcct nctgtccnc atnatnccca tggaaagcct tgccctggact 120  
attctntcat gcttnggaac tntctggatt tctacnctca nanacatgct ttgtactggc 180  
ta 182

<210> 88  
<211> 198  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(198)  
<223> n = A,T,C or G

<400> 88  
agatctcata cacagttgcc aaactgaatg ctgccatttc agaacgtgaa gaggntanag 60  
ggagannnga nctgnttnat cctgttanng tagactgnaa gctatggcaa aagagcnanc 120  
acaagagctg acaccagatg tnnacaangc ccatgagttc tcnacctgan gctngatact 180  
tcctaattag acgacaga 198

<210> 89  
<211> 409  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(409)  
<223> n = A,T,C or G

<400> 89  
gggattctag acctggatga catcctnngg gacggngctg atgacaaaga cagactggta 60  
gcagtatttg atgaacagga tccccacat ggaggagatg gtaccagcgc cagctccacg 120  
ggaaccacaga gtccagagat attctggcag tgagctgggc accaacaata gtttctgctt 180  
ttcagcctta tcaagccaca agtgaaattg aggtcacgcc tttagttctt cgggcaaata 240  
tgectcttga tgnccngccg gagcancgac ccagctttaa ctggccttn cacttctgtc 300  
agtgatanca actnttcta agaggagncc tccaggaaaa accncgaccc gntggtccac 360  
gacagctngn tttctcaagc aaacaccngc tgggaagtcc caaatcctg 409

<210> 90  
<211> 103  
<212> DNA  
<213> Mus musculus



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<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 90
tgctaaatcc cacacagtaa taaatccggg acctcctgan acagntgnen cangagcnen      60
nggctttatt nttgaagcac cttccacccc caacttcctt gac                          103

<210> 91
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 91
cctcatgcta atgtaatgca cggcncnnac cctgaccag tgactactgg tgggccatag      60
cnngctcacg ntgaagccct gcacaccctt gacctgagct ggat                          104

<210> 92
<211> 239
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(239)
<223> n = A,T,C or G

<400> 92
cagaagacat cccaccacat ggncctctgtg tttgtcctga tgagcgctg cctggccacc      60
gcaggtaatg caccttctca attgggagggc tcttaacctt ctcttgaatt cctatttcct      120
tctcccctca gtctcttttg ctaaaaaatat ttagtccata ttatcttatg taaaatgtga      180
atatttatgt tatttaggta aataaaaatat ttgactatca tactgatata taaaaaaat      239

<210> 93
<211> 322
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 93
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aagacagcgt ctcanctata ctctgtagcc atggtcagcc tggaactccc aagagatctg      120
cctccggagt gctgggatta aagatttcta ccactacacc gtggccttac aaacggaggg      180
gataggacat catttaattc ctgaagaggt cctcagacaa tcagttctta ggccatccac      240
aaactgatca cttgggtttgt tgctctcctg aatgtggcct aatgaaatta aatgtagttt      300
ctgccccagt gaaaaaaaaa aa                          322

<210> 94
<211> 359
<212> DNA
<213> Mus musculus

<400> 94

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ccagacccac tgaaaaaagt ncntctttca ctcaggncctt tgncttggnc tctgggtatg 300  
ggagcag 307

<210> 99  
<211> 354  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(354)  
<223> n = A,T,C or G

<400> 99  
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ccgngccgcc aatggaaaag ctgcaaattg cgcgaccagc ctgccgcggg cgaccggcag 120  
aaattcgggtg tgtgcaagcc cgggaaggct ccgtcagacc tggaggtggg gacagcgtgt 180  
tgcaggcccc ggggagatgg cgcctacacg cngnncggcc tccatctctc ccagggttcg 240  
ccaagccacg gcgcagccaa ttggctcgga gacatggcgg ggtgcctttt cgccttggct 300  
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<210> 100  
<211> 370  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(370)  
<223> n = A,T,C or G

<400> 100  
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catcaaccat tactaccttg naggntttga anggattagc cccatancct gggggttttt 180  
actttttcca gacaagntct caagnatccc agggnggctt cctgactctc tcnagtancc 240  
gaggataacc atatacttct gatccacact gnacctnctg agtcctgttt taatggggng 300  
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ccccagcct 370

<210> 101  
<211> 104  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(104)  
<223> n = A,T,C or G

<400> 101  
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atcgcanntg gttcaataaa gacttttggg aagtgtcaaa aaaa 104

<210> 102  
<211> 261  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(261)  
<223> n = A,T,C or G

<400> 102  
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cctantcaca ngtcacncag tnnngagcgt tcggtacaga tttccgggan ggaacacaca 120  
ggtcatttgc gcccgaaact tgcncgtgtg cttgcgccat ttcctgcac ctggcgcgcc 180  
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tgagggtcct tgggggggcg g 261

<210> 103  
<211> 330  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(330)  
<223> n = A,T,C or G

<400> 103  
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ggaccanana aanatcactn nacttatccc acgaggagan cttgcattga angagctaga 180  
ngccttgccc ttnccttanga aatacagagc nctgntgctt acgttactat tcagatncca 240  
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caactattaa aaaataattc agttttaaaaa 330

<210> 104  
<211> 107  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(107)  
<223> n = A,T,C or G

<400> 104  
ctgacattat gggattgcag actaagaagg ncctactgac cccctcata catccagctc 60  
gcccttttcg agtttcaaac catgaccgaa gtagtgaaaa aaaaaaa 107

<210> 105  
<211> 129  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(129)  
<223> n = A,T,C or G

<400> 105  
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tggtgatga 129

<210> 106  
<211> 128  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(128)  
<223> n = A,T,C or G

<400> 106  
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 actgagaa 128

<210> 107  
 <211> 120  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(120)  
 <223> n = A,T,C or G

<400> 107  
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<210> 108  
 <211> 255  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(255)  
 <223> n = A,T,C or G

<400> 108  
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 tttgcattgnc acagtcatct tcaaagnatc gaaagaattc gngctggaga ggaatcctgn 180  
 gaatgtaatc aatgtaataa tcacagtact cttcaaaaatc ctgaaaaaaaa tcatactgaa 240  
 gagagactat atgaa 255

<210> 109  
 <211> 155  
 <212> DNA  
 <213> Mus musculus

<400> 109  
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<210> 110  
 <211> 404  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(404)  
 <223> n = A,T,C or G

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 cccggnagcg atanangaga gacaggtnnt nctcttcac ctcnctnctn gcattctctt 180  
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404

<210> 111

<211> 108

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(108)

<223> n = A,T,C or G

<400> 111

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60

108

<210> 112

<211> 485

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(485)

<223> n = A,T,C or G

<400> 112

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ctgctgctgg tgcangagga actgnagtgc tacaggagtg gtctacttcc acccanagan 180  
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<210> 113

<211> 378

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(378)

<223> n = A,T,C or G

<400> 113

ttttgctgat cgccttgcaa gttttcatcg agtttggagt ttcccaccaa atgaaagtac 60  
aggaaaagaa gtgacctgct tggcctggag accagacggc aaacttttgg cttttgctct 120  
tgcggtatacc aagaaaatta ttttgtgtga tgtagaaaag cctgaaagct tacactcctt 180  
ctctgtggag gctccggtct cttgtatgca ttggacagaa gtgactgtgg aaagcagtggt 240  
tttaacatcg ttttataatg ctgaggatga gtccaatctt ctcttgcta agctgcccta 300  
gacccggacg tantcatcaa agtggagaaa cttgaccctg agttggactc gngacccagc 360  
ttgacagcat tgcgttag 378

<210> 114

<211> 136

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(136)  
<223> n = A,T,C or G

<400> 114  
tgtagaagag acactggcgg ccagcttgcg cttgggggga aacgattgaa catagtatng 60  
gggctccatt tnactaacc aggctacatt gncganaact aacagcntga agntcctgac 120  
ggccttcctg ccagtt 136

<210> 115  
<211> 331  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(331)  
<223> n = A,T,C or G

<400> 115  
aactgagggtg gaaggacaca tacgctgacg ngctggcaat gcgatccatg gtgcgggttta 60  
ncggaaggat ctagagacna gtcagctgac cctgagtagc caatgagaat tctccagttg 120  
ctgcttttaaa ttagagccgt ggccattaca ggagccgtca ctttgcttgc ctgccacgga 180  
atccaggctt gtgcacctgg agatcccttg gggcccgatg acctgaagcc tccccccagg 240  
aaaaactgaa gcctgaacac tgtctacttt tcctccatct ttctttctct tagatggtga 300  
aataaagaac tatcagacag caaaaaaaaa a 331

<210> 116  
<211> 461  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(461)  
<223> n = A,T,C or G

<400> 116  
gctgccaccc tctggaggnt cccgagtcct ttgtggntct gngngaaaag actctgtgta 60  
cantgtgcta cngancnga gngcggcatg tnctgtacct cnttgatttg ccanaacct 120  
gcgcccagga nggtctggtg ctgnactggn tggactgacc acagtgcctg tcgtccagct 180  
tgcccagctg gcatggaata taaggagtgt gtgtctcctt gccccagaac ctgccagagc 240  
ctgtctatca atgaagntg tcancagcaa tgtgtagacg gctgtanctc gccctgaggg 300  
agantctctt gatgaacacc gatgtgtgca gagcttccga gtgtccttgc cttgcacgct 360  
gggaaagcgg naccnctcn ggcacctncc tnttctcngg acttgtaacn ntttgtatcn 420  
gcngancagc ctatggatnt ggagcaatgg aagaatgcc a 461

<210> 117  
<211> 124  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(124)  
<223> n = A,T,C or G

<400> 117  
tgatcattag gaactttgat cagaatagan ggagcagagg tnctaaactc nattcnccag 60  
agggcntgat gaatctntgg ntcagctnca gtnngtactc atctacataa aataaatgat 120  
taaa 124

<210> 118  
<211> 261

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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 118
tttctactgg accactatat tattggggccg gganatctnn ntcccctnch cntngettcn      60
tnactgattg cttcatnagt ganagtggag ctttgatcat tgnagctttg atcagnattt      120
nnacnanaga cntttgnccn atatccnaag gngngggcat actggagaga aaacttatga      180
atgtaatacaa tgttggttaaag cttttgtaag acccagtcac ctccaaacac ataaaagaac      240
acattctgga gagaaaccct a                                         261

<210> 119
<211> 391
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 119
cagggaggat agccgatata tncttantga cagcttcnnc nncngtntng anactgncac      60
agctggactc tggngaccac tnacnntatg ggnantgatt gcctttcnnc gncaacagcc      120
cttccnnttt ntntacagn ttgtggngnc tatgggccag atatacggng atgagctgta      180
cttcctgaca gagctacacg aaggactcca gcatggggag ataggncacc ccgtttatatt      240
ctgggttctat tttgntttcc tgaatgctgt atggntgggtg ataccaagca tccttgtgct      300
tgatgccata aagcatctca ctagtgccca gagcgtgctg gacagcaaag ncatgaaaat      360
taanagcaag cataactaaa gagccggaga g                                         391

<210> 120
<211> 326
<212> DNA
<213> Mus musculus

<400> 120
ctaaagctcc agggaataga aattcctgaa gggacacgat tacaaagcag acagtcagtt      60
ccttgtggaa atcatggaaa tcaatgaaag actcgcagac gcccaaagtg aggccgccat      120
ggaagagata gaagccactg tcagagctaa acagaaagaa tttactgaca atataaacag      180
cgcttttgaa caaggtgact ttgaaaaagc caaggaactc ctgacaaaaga tgagataact      240
ttcgaacata gaagaaaaga tcaagctaag caagactcct ctcttggtgc taacttaaag      300
ttttagaagt aaactttgta tttctt                                         326

<210> 121
<211> 452
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 121
gtgggggtcct tcaacttgcc gggaggagca caagaagaag caccgggatg cttctgtcaa      60
cttctcagag ttttccaaga agtgctcaga gaggtggaag accatgtctg ctaaagaaaa      120
ggggaaattt gaagatatgg caaaggctga caaggctcgt tatgaaagag aaatgaaaac      180
ctacatcccc cccaaagggg agaccaaaaa gaagttcaag gacccaatg caccgaagag      240
gcctccttcg gccttcttct tggtctgttc tgagtaccgc cccaaaatca aaggcgagca      300

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tctctggctta	tccattgggtg	atgttgcaaa	gaaactagga	gagatgtgga	acaacactgc	360
agcagatgac	aagcagccct	atgagaagaa	agctgccaag	ctgaaggaga	aagtatgaga	420
aaggatattg	ctgnctacag	agctaattga	aa			452

<210> 122  
 <211> 415  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(415)  
 <223> n = A,T,C or G

<400> 122						
cttcttgaga	gatcancctt	ggtgaanagt	tnctagcaca	caggtgacta	cgagaagggt	60
ntgnaccanc	tgtcaaagtc	cnttgctgtg	tgtggacagc	ctcagcagcc	tgntgcaagt	120
gtnacagnnn	actctttcgt	cnccagagtg	ngcnnatgct	tgtnaccaag	ctttccgacc	180
atnagtnaga	gaattgnnag	ngctcaaagc	tnngntnnag	atgatgtgga	atgagccaga	240
taccaacaag	atanaatctc	agtanaataa	tctnaacnnt	taggcttgga	agctgggtcan	300
ctctggggga	ttaagggcaa	attatgctgt	catgaactgt	cccacactga	cgtnctgcca	360
aagcgaatat	gaactttggg	nagacccatt	gtctggncta	tttatttttc	cagta	415

<210> 123  
 <211> 427  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(427)  
 <223> n = A,T,C or G

<400> 123						
tccgtcctag	aactgacaag	ccagattctg	ggagccaacc	ctgattttgc	caccctctgg	60
aactgtcgca	gagaagtgtc	ccagcagcta	gaaacccaga	agtcccctga	ggagttggct	120
gctcttgtga	aggcagaact	aggcttcctt	gagagctgtc	tgcgtgtgaa	ccctaagtcc	180
tatggcactt	ggcaccaccg	ctgctggctg	ctgagtcgcc	tgccctgagcc	caactggggc	240
cgggagctgg	agctgtgcgc	tcgcttcctc	gaggccgatg	agcggaactt	tcattgctgg	300
gactatcggc	gattaaccaa	nggnnagnct	tttgttctca	ctgcananta	aaataatcaa	360
nactgacagc	ctgaccaccc	ngaacttctc	caactattct	tcctggcatt	atcgctcctg	420
cctattg						427

<210> 124  
 <211> 260  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(260)  
 <223> n = A,T,C or G

<400> 124						
cctggggagcg	ttctgggggc	attggggcaac	ccctttcact	ccttctgagg	aacanatgat	60
tgccgaggtc	attcctnntc	tgaaagcnc	catcnanana	ggcagangac	tttgnaaga	120
ncatgaantg	agaggngaga	gcctgganca	ggatcccng	catcntncta	acttattcaa	180
tcatcntgtc	tttggaacca	ctngagaatc	tatttngcgt	ctgatggagg	gtgtngagnc	240
agnatcatgc	atctcttcca					260

<210> 125  
 <211> 414  
 <212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(414)

<223> n = A,T,C or G

<400> 125

ctaacgtaca	gaacagcttg	caagttaccg	atttgtacag	aagcgatgca	accttcacatc	60
tggtgatatc	tggaatatga	tcgaagcttt	ccgagacaat	ggccttaaca	cgctggacca	120
cagcacggag	atcaggcggtg	tnccgcctgg	agaccgtcat	ctcgtccatc	tactatcagt	180
tgaacaagcg	ccttccttct	actcaccaga	tcagcgtgga	gcagtccatc	agtctcctac	240
tcaatttcat	ggtcgcgcgc	tacgacagtg	agggccgagg	cangttgacc	gtgttttcag	300
ntaaagctat	gtagcaacc	atgtgtgggtg	gaaaaatgct	ggacaaattg	agatacattt	360
tctcccagat	gtcagattcc	aatggcttaa	tgatgttngg	aaagcttgac	cagt	414

<210> 126

<211> 146

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(146)

<223> n = A,T,C or G

<400> 126

gcttgctgac	aaagaagctg	ccgncctgac	catctancct	ctcagacntn	angctgnnga	60
ccatananct	anngacactn	aggntgntgg	agacctcacc	caggaagcct	ttgatcttat	120
aagtaaaggt	atgcgaaaaa	aaaaaa				146

<210> 127

<211> 419

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(419)

<223> n = A,T,C or G

<400> 127

gggcgtgtga	ccccgctgcc	tcccccttct	ccctgctgct	cgtgtccaga	ggatgagccc	60
agccttcagg	accatggacg	tggagccccg	caccaagggc	atcctgctgg	agccatttgt	120
ccaccaggtt	ggggggcact	catgcgttct	ccgatnnaat	gagacaaccc	tgtgcaaacc	180
cctggttccg	agggagcatc	agttctacga	gaccctccca	gctgagatgc	gcagattcac	240
tccccagtac	aaaggggaagt	gtggtnncnt	ganaccnnc	ttcccgtctc	tgtgcgcca	300
nagntgggtg	ccgcctnacn	tntgnccnct	ctntntgagc	acgcattncc	ctgcagcang	360
caagnngtcg	ggcagcanag	actgagcana	tngaattgacc	gtgggggcata	taaggccta	419

<210> 128

<211> 193

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(193)

<223> n = A,T,C or G

<400> 128

gacctcacca	cctccaacca	cagnccctcn	cacggagagg	tcttntgaca	gatgtcnatg	60
agaacaaccc	acnactnttc	gccggaagag	gaacatgtgc	nccagacctt	cntaannact	120

tcaatatgat cggagcatnn atangagggc gnctatgatt ctacagagaa ctgaaaggaa 180  
aacttttcat cag 193

<210> 129  
<211> 474  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(474)  
<223> n = A,T,C or G

<400> 129  
actgagcttg agatccgaaa agcgggtccg aacacaggat catagagacg acgggacgag 60  
agcgtatccc ctggcggcac cacggaggta acgcggaggg cggctagagc gtcactcgcc 120  
caggcggcctt cctcttcggc agtcctcctt cccaacatgg cgcagtcgat taacatcacg 180  
gagctgaatc tgccacaact ggaaatgctc aagaaccagc tggaccagga agtggagttt 240  
ttgtccacgt ccattgctca gctcaagggtg gtccagacca agtacgtgga agccaaggac 300  
tgtctgaacg tgctgaacaa gagcaacgag ggaaaagaat tactgggtccc actgacgagt 360  
tctatgtacg tncccggtta agctacacga tgtggagcat gtgcttattg atnggggaac 420  
cggntactac gtggagaaga cagctgagga cgccaaggac ttcttcaaaa ggaa 474

<210> 130  
<211> 152  
<212> DNA  
<213> Mus musculus

<400> 130  
ctttatcttt ggtggctggc atctgatgaa caagcgagcc aagtttgaac ttcggaagcc 60  
gtcgtgctc tggctgctga ctcttgccgt ctccagataa ctgtttggtc acgttgctta 120  
gtaaataaaa gtccacacta tgaaaaaaa aa 152

<210> 131  
<211> 769  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(769)  
<223> n = A,T,C or G

<400> 131  
gagcaagagc agctctacct gcggtctggt gtggtgacct ccgcaacctt tgagcagcca 60  
gggcggcagg tcaagctgtg ggtgaagatg gtgacccgc taatcaagaa cttcttctga 120  
gaacaggaat ggccttgatg aagatgacgg gcatgactgg ggtcagatcc ttcaaccggg 180  
cttcagcaat gactccggtc tgggtgtccc agcgagctcc tgtggggaca atggagctga 240  
gggtctgggt gccctagggg aggcagaacc cactgttttg atgctgaccg tgaaaaaggg 300  
aggcacggta gggagagagg cctggcctcc aacctcccca ctcttttcag agacaggcca 360  
gtgactggga gccatgaagc gttcangcca ggtgccang tctgagagtg ccaaactagg 420  
aggaatgtga accaaggact tccangtgac tcttgcatg cccgtaattg gctctgaagc 480  
tgnatcttct taaaacttta atcttaagcc nttttcaatg ntcaantggg cannagaaaa 540  
acttggancc gcaagnttca anaatnccca agcaaattgg tnccttttcc ttgaaacccc 600  
cttccttggg ggnaaagggg cttaacttct tcttggggga cccttttangg gggaaataaa 660  
ggttantttt ttttaggaat gcccccnttt ttttaaaccc cctttttttt gggccccttt 720  
aaaccccnnn aaanntgggn ttggtggggc cccctttaa acccttaa 769

<210> 132  
<211> 458  
<212> DNA  
<213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(458)  
 <223> n = A,T,C or G

<400> 132  
 actgaggtga atgaggactc tggggnnact catggagaag atgcggttgt gatcctggag 60  
 aagacaccat ttcaggtaga acacgtggcc gcagctccta acggggagcc ctgagctcaa 120  
 gttgcagttc tccaatgata tctacagcac ctataacctg tttcctccaa ggcattctgag 180  
 tgatataaaa acaactgtgg tgtaccctgc cacagagaaa cacctgcaaa aatacatgag 240  
 tgaggacctc cgctgatcc gagagactgg agatgactac aggaccatca ccttacccta 300  
 cctggaatcc cagagcctta gcatccagtg ggtgtataac attcttgaca agaaggctga 360  
 agntgaccgg attgttcttg agaaccana cccttctgat ggctttgctc tcntcccaga 420  
 ccncangngg aaccagcanc agcttgatga cctgtatt 458

<210> 133  
 <211> 114  
 <212> DNA  
 <213> Mus musculus

<400> 133  
 gtactgaggc aagttacatt gcctcaacac agtacacccg acgggtacgt ggcgaaagca 60  
 gcggagggtc aaagaaggat actgtgcccc aagaggaggt cccaaaaaaa aaaa 114

<210> 134  
 <211> 204  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(204)  
 <223> n = A,T,C or G

<400> 134  
 gactgagctc cccctcccca gaggtaagca gccctccagc gccaaagcagn ttagcatgtg 60  
 tgactctgga caagacaacc ttcccaggtt tctgaccgta nagcagcgaa naagacgacc 120  
 atgtctgagg gcaagatctg aggactaggg atggnngctca gacctgccac acccaaggtc 180  
 tcttcagcac agcagaaagg aaga 204

<210> 135  
 <211> 377  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(377)  
 <223> n = A,T,C or G

<400> 135  
 ttccctgggtg gactccagtc aagtgtcgac atttctgata tccattcttc ttatagtcta 60  
 tggtagtttc aggtctctta atatggactt tgaaaaccaa gataaggaga angacagcaa 120  
 cagttcttct ggctctttca atggcaacag caccaataac agcatccaga ccattgattc 180  
 caccgaagca ctgttctctc cgattggagc gnetgtctct ctctcgnca tgttcttctt 240  
 ctttgattca gttcaagtcg ttttcacaat atgtacagca gganntgnan aacnnnttc 300  
 cncnnntggt gatatgcctn agtgantggn atcaccangg ctgctgctca ggctggnaac 360  
 aaactaagat ttcccg 377

<210> 136  
 <211> 344  
 <212> DNA  
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(344)
<223> n = A,T,C or G

<400> 136
tccgaacaaa aagtggggtc tgtgngcccc ggaagnggac ataccgattg actgngggga      60
aaggaaacat ggancatcaa actgangggc gccagacat gaaaacagac ctgttctcca      120
gctcgtgccc aggaggaatc atgctgaaan agacgggcca gggctaccag cgctttctcc      180
tctacaatcg ggtcaccaca cctccaaan aagtgtgtgg aggaattcca gtctctgacc      240
tcttgcttgg acttcaaagc cttcttagtg actcccagga ntcaagaggc ctgcccgtg      300
tccagcaagt gaccagtgc ttccccgggt cctaaaaaaa aaaa                        344

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<210> 137
<211> 121
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 137
aacataagca ctcacannat gaanccctgc caaaaaatgg aaggaaacct agaaaaggag      60
natganccaa agcctnagna nnagccaaca gccngagnaa aagcctctag gaggggcagg      120
a                                                                121

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<210> 138
<211> 320
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(320)
<223> n = A,T,C or G

<400> 138
ccctgacatc ccttggacgc agacccttct agccgattac atcaatgggt tcccgggaga      60
caccttcttc ttgctctaag acccttgaaa ccttggacct ggagacttcc gacagctcta      120
gccctgatgc tgacagtcct ctggaagagc aatggctgaa atcctcccca gccctgaagg      180
aggacagtgt ggatgtggta ctggaagact gcaaagagcc tctgtcccc tcctcgccctn      240
cgacaggcag agagatgatc aggnacaaac tcnaagcgaa ccgncngagc attgaanaca      300
tntgtctctg ctgaggaact                                           320

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<210> 139
<211> 418
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(418)
<223> n = A,T,C or G

<400> 139
tgccctgcat cacctgggtg nggcagtgca aagcccggtc agtggccctg gcaggtcagc      60
atcacctaca atggctacca tgtttgtggc gggctcgctcg tgtcaaataa atgggtgggtg      120
tctgctgctc actgcttnc cagagaacac agcagggaag cgtatgaggt gaagntggng      180
ncccaccagc tanactccta cagcaatgac actgtgtgcc acacagtgnc tnagatcatc      240
accactcaa gctaccgaga ngagggtcc cagggggaca tcncgctcat ncgcctcanc      300
agtccgtgca ccttntcccg ntacatgang acaccatctg cctncctgaa gncaatgcct      360

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gctttttcca acggnenttc actgtntctgn cacggaatgg gntcatgtgg ctccttga 418

<210> 140  
<211> 179  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(179)  
<223> n = A,T,C or G

<400> 140  
agaaggtggc cacttttnnac tatatgcatt tgaagatgtg ctccctccac ngaccaactc 60  
agccacctgc cacttgaggg gtccacgggg gcaatgnngg gaggaagcan tggaggggct 120  
ccccctaaac gtggggagtcc aggctctgaa caataaatgg cctctcatgc tggcatgaa 179

<210> 141  
<211> 357  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(357)  
<223> n = A,T,C or G

<400> 141  
gaactgagct ggattaanca gctctccagt atgaacttca tagatggcag catcataatg 60  
tgacgtcacg gcttgaacat gactgacagc atcttcagct gctgaggtcc ctcatcagct 120  
catggtgact ccagtttgaa ctctcaagct gcctgcatcc agagcctcaa acccactgtc 180  
ctggtctcag gagcccatct acaagctcag aatgagggac cacatcctga ctctgcatca 240  
ctcctgccaa tgagcattgc ccacctaggg ccagaagtaa cataaaggaa taggcagtga 300  
atgaanaata gagagctagt gtgngngtac acacctatga ttccagcact tgggagg 357

<210> 142  
<211> 224  
<212> DNA  
<213> Mus musculus

<400> 142  
gactgagaga tgtggtatgg tgtgttcctg tgggcactga tgtcctctgt gttctttcat 60  
gtccctgccg gactgctggc cctcttcacc ctcagacacc acaaatatgg taggttcagt 120  
tctgtaagca tcctgttgat gggcatcgtg ggaccaatta ctgctggaat cttgacaagt 180  
atggttagaca ttaaaatacc ggtcaaaaac gtgaaaaaaa aaaa 224

<210> 143  
<211> 414  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(414)  
<223> n = A,T,C or G

<400> 143  
gactgagccg ccctgcaggc tctgaagcgc aagaagaggt atgagaagca gctggcacaa 60  
attgatggca ccctgtcaac catcgagttc cagcgggagg ccctagagaa cgccaacacc 120  
aacacggagg tgctcaagaa catgggctat gccgccaagg ccatgaaggc tgcccacgac 180  
aacatggaca ttgataaggt ggatgagtta atgcaggaca ttgctgacca gcaagaactt 240  
gcagaggaga tttccacagc tatctccaaa cctgtgggct ttggagaaga gttcgacgag 300  
gatgagctca tggcagagtn ttgagncttg ancaanaaga gttncgcaag aatttgttgg 360

agatcagtgg gcccgaaaca gtccctctac caaatgtccc ctccgtaccc tacc

414

<210> 144  
<211> 248  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(248)  
<223> n = A,T,C or G

<400> 144  
ggactcccct aggattccga gcacctttcg ctgtggactc cagccccacc cgaggntgga 60  
tgtggagctg aggaaactga cccaccgctt gctttcctgg gagccccttt ctctcctaata 120  
tcatgagcca cgcaggatgc tggtcgcctt gcgctttcag aacgcctgct catagctgcg 180  
tacaaaggcc aancannttn ntgtggnnnn gngnnatcaa caagggtgcc aaggcagccc 240  
gttaccaa 248

<210> 145  
<211> 492  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(492)  
<223> n = A,T,C or G

<400> 145  
gacttcagga accatgccga agccacacag tgaagcaggg actgccttca ttcagaccca 60  
gcagctccat gcagccatgg ctgacacctt cctggaacac atgtgccgcc tggacattga 120  
ctctgcccc atcacggccc gcaacactgg catcatttgt accattgggc ctgcttcccg 180  
atctgtggag atgctgaagg agatgattaa gtctggaatg aatgtggctc ggctgaattt 240  
ctctcatgga acccatgagt accatgcaga gaccatcaag aatgtccgtg aagccacaga 300  
aagctttgca tctgatccca ttctctaccg tcctgttgcy gtggctctgg atacaaaggg 360  
acctganatc cggactggac tcatcaaggg cagcggcacc gctgaggtgg agctgaanaa 420  
gggagccact ctgaanatca ccctggacaa ncgcttacat ggagaaagtg tgacgaagac 480  
atccctgggg tt 492

<210> 146  
<211> 465  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(465)  
<223> n = A,T,C or G

<400> 146  
actgaggaat ctcatgcact agggnaagga acctgaaaac ccagcagaca tgattgaaga 60  
aggagagtgt atcctatctg tgaacatctt atatcctgtt atatttaata agcacaaaga 120  
acacaaacca taccagacca tggtgggtact gggcagtcag aagctcacag aactgagaga 180  
ttcaatttgc tgtgtcagtg acctccagat cgggtggagaa ttcagcaacg cgccagacca 240  
agcccctgag cacatcagca aagacctcta caagtcggct tttttctatt ttgaaggaaac 300  
attttacaat gacagaagat acccagaatg cagagacttg agcagaacta ttatagagtg 360  
gtcagagtcc catgatcgag gatatggaaa atttcagact gctagaatgg aagatttcac 420  
atttaatgac ttgcatatta aacttggtctt tccttactta tactg 465

<210> 147  
<211> 111  
<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(111)

<223> n = A,T,C or G

<400> 147

gactgaggaa	aatcttctgg	ntgtnatttt	atataaccaa	acatgtcatg	gnccttcaca	60
gcataacnaat	agttttgacg	ttttaaatan	aagtatccag	cacagacaaa	a	111

<210> 148

<211> 425

<212> DNA

<213> Mus musculus

<400> 148

ggggtctttc	aagagcagcc	ggtatcagtt	ccgcaatctg	gcagaatgcc	tacagaaaat	60
tcgagacatg	attgccgagg	ccagccaggt	acccaaagag	ccatccaagg	aagatgctcg	120
gcttcagaga	ctcaggattg	aaaagatgaa	tcgggaaagg	ctacgacaga	aaagactaaa	180
ctctgcccta	aagaccagca	ggaggatgac	tatggactga	agtcggccct	ccctgctggc	240
atagacctga	gtgccagtgc	agctcagcag	agcactgaca	cacacaggag	acttttctcg	300
attaaccgcc	ctgcccagagc	agcgcttcctt	tggaggggagg	ctgcagatca	tccagggctg	360
ccccttccgt	tatccacctc	atgaatcact	ggctgcaata	aacatcgaag	cacaggaaaa	420
aaaaa						425

<210> 149

<211> 243

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(243)

<223> n = A,T,C or G

<400> 149

gatgaccgag	aagcgcttga	aaaggagaaa	gcaatacatt	gaacgcntga	gaaacctgac	60
tgaggaagaa	aggcgggcag	aacttcgggc	aaatggcaaa	gtcattacca	acaaagctgt	120
taaaggcaaa	tacaagtctc	tacagaagta	ttatcaccga	ggtgccttct	tcatggatga	180
ggatgaagaa	gtctacanga	gagactttag	tgcacctact	cttgaggaat	ttgacaggat	240
ggc						243

<210> 150

<211> 128

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(128)

<223> n = A,T,C or G

<400> 150

cctgagcggg	gcactctggng	gccgctgtct	atgetctntt	ttccnctgga	nagaatatatt	60
aaggaangct	ccttcattaa	gtattaagna	tatggaaata	aagaattact	cagtcttaaa	120
aaaaaaaa						128

<210> 151

<211> 528

<212> DNA

<213> Mus musculus



<220>  
 <221> misc\_feature  
 <222> (1)...(528)  
 <223> n = A,T,C or G

<400> 151  
 cactgaggag tctagagcag gaggatcttg agttnaagng naaggntggt atangtagtg 60  
 tgtggagaaac agctggnggc aacgagatgg ctgcttctgt cccatgggcc tgctgtgctg 120  
 ngcttgccgc tgccgccgcc gntgtataca cgcagaaaca cagtccacag gaggcacccc 180  
 acgtgcagta tgagcgtctg ggcgcatg tgacgctgcc gtgtgggaca gcgagctggg 240  
 acgcagctgt gacatggagg gtaaacggga cagatctggc ccctgacctg ctcaacggct 300  
 ctacagctgat actgcgaanc ttaaaactgg gccacagtgg cctatacgcc tgttttcacc 360  
 gngnanttct tnggacttgg ggccncnaan gcctttttaa atntgggggt tgccgcccg 420  
 gggagcctgg tgcttcagct tgccgcttca acaacttacc ccaagggtt ctactgcagc 480  
 ttggaacctg cccaaccccc acctacatnc ccaatacctt caaatgtg 528

<210> 152  
 <211> 343  
 <212> DNA  
 <213> Mus musculus

<400> 152  
 tgagagatta ctggcttcga gtcccaagcc tctggcatta gcttcctgag agctggactt 60  
 acagagtgt ttccttatgg taaaagggtc tatcccacag cccacattgt caggaatggc 120  
 tccctctaaa gtgaaagtgg ataaactcaa gagaaaggat tggatcatat acggtttttt 180  
 ttctcctttg agattataat gaacatgggc acaccacaag taaagtccga agtaggacag 240  
 aaaacgctct gaaggcttgt ttgatcacc gttatcgta aaaatagctg acccctaaca 300  
 atatgtaccc aaatataaaa tgtaataaaa aaataccaac aca 343

<210> 153  
 <211> 481  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(481)  
 <223> n = A,T,C or G

<400> 153  
 attcatgggc attgcagtct aagaagggtc tactgacccc cctcatacat ccagctcgcc 60  
 cttttcgagt ttcaaaccat gaccgaagta gccggcggtg ggtgatggcc agcagcctgc 120  
 aggaacttat cagcaagact ctggatgtct tagtcatcac aactggcctg gttacgctgg 180  
 tgctggagga ggacgggacc gtggnggaca cagaggagt ctttcagacc ttaagggaca 240  
 acacgcattt catgatcttg gaaaagggac agaaatggac accgggtagt aagtatgtcc 300  
 cagnctgcaa gcaaccaaag aaatcgggaa tagccagagt caccttcgac ctatacaggc 360  
 tgaaccccaa ggacttcctc ggctgtctca atgtcaaagc cacgatgtac gagatgtact 420  
 cgggtgtccta cgacatccga tgcacaagct taaggccgng ttaaggaatc tgcaactaaa 480  
 g 481

<210> 154  
 <211> 101  
 <212> DNA  
 <213> Mus musculus

<400> 154  
 actgagggaa gtagcttcta acaatgaact atggcaacaa ttctgcttca aaacttacta 60  
 atacaattgg atgaacagtt ggggcgtggt tccaaagaaa a 101

<210> 155  
 <211> 438  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(438)  
 <223> n = A,T,C or G

<400> 155  
 actgcgaaat tatcactttc tggccatggt ggatttgaca gtctgcccga ccagctggtc 60  
 aacaaatcca cttctcaagg attctgtttc aacatcctgt gcgtgggtga gacagggtatt 120  
 ggcaaatcca cattgatgga cactttattc aacaccaaatt ttgaaagtga cccagctact 180  
 cacaacgagc caggcggtccg gttaaaagcc agaagctatg aactccagga aagcaacgta 240  
 cggtctgaagc taacaatcgt tgacacagtg ggatttggag accagattaa taaagatgac 300  
 agctataagc ctataatgna atanatngac ncccantnng atgcctantg caagaagaat 360  
 tgaaaattaa acgttctctc ttcaactatc atgacacaag gattcncgcc tgcctttact 420  
 ttatcgcccc cacgggac 438

<210> 156  
 <211> 451  
 <212> DNA  
 <213> Mus musculus

<400> 156  
 actgagtatg acagtcattg ccctctccgg ggccctcaagg acgactttca cagtgcacaca 60  
 gtactctcca tcttaaatga gcagcgcatt cggggcatct tatgtgatgt caccatcatc 120  
 gtggaagaca ccaagtttaa agcccacagc aatgtcctgg ccgcctcaag tctttatttc 180  
 aaaaacatct tttggagcca tacgatctgc atttccagtc acgtcttgga gctggatgat 240  
 ctgaaagccg aagtgtttac agaaatactt aattatatct acagctctac cgttgtggtc 300  
 aaaagacagg aaaccgtcac tgatcttgca gctgcaggga aaaagctggg aatatcattc 360  
 ttagaagacc ttagtgaccg caacttctca aattccccag gtccttacgt agtctgcatt 420  
 actgaaaagg gagtggttaa agaagaaaaa a 451

<210> 157  
 <211> 475  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(475)  
 <223> n = A,T,C or G

<400> 157  
 aactgaggct tttgtggcta caggaaccaa tctgtctctc cagttttttc cggccagctg 60  
 gcagggagaa cagcgacaaa cacctagccg ggaatatgtc gacttagaga gagaagcagg 120  
 caaggtatac ttgaaggctc ccatgattct gaatggagtg tgtgttatat ggaagggctt 180  
 ggattgatct ccacagattg gatggtatgg gttgcctgga gtttgatgag gagcgagccc 240  
 agaatctgat gtcattgatg atagccaanc tggggaaatc atggtgaact tcacaggetg 300  
 gttgaacaan ngtnaagtga tcagccctag atttaaatgt caactcaaag acccagaaaa 360  
 tagcggancca atntgctctc acctgncact ggcttccagn gnactgacnn cttcagctgg 420  
 agncatggac catgaagaac atgaggaana cacacncgaa gggaaaattc ttggtt 475

<210> 158  
 <211> 438  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(438)  
 <223> n = A,T,C or G

<400> 158  
 agactgagga ggaatctttg agtatgcgga tgggtcccaac gccaggtca tgaacgctga 60  
 agagcacgcc tttcgatttt ctgccaaat catcaacaga aacaggactc tgctgcccac 120

cacgaccctg	acttacgaca	ttcagaggat	tcacttccat	gacagttttg	aggccaccaa	180
gaagggtaag	aacactgaaa	acatgcgtgc	aacacatcat	attaaccgta	gtcaccttgc	240
tacgggtctt	attgcatctt	tcgttggcat	cctactcgag	tagcaatagg	tagcatacat	300
ataaagcaga	gactgtatta	gccccagagc	acaccatctg	cctgccgtaa	aaagacttta	360
taagcacagc	gtgctgctca	gtgcccgcga	catcttgacc	ccagaaccta	cagaaaaanc	420
cttgaagttg	acaccggg					438

<210> 159  
 <211> 437  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(437)  
 <223> n = A,T,C or G

<400> 159						
tgaggatacc	agcatgccag	ttcaacacca	aacactaaat	acagatcagt	agtgggtggcc	60
cgatccagga	tccagcagaa	acagcanggc	tctgnngaat	tggtatgagt	cggctggaat	120
cagtcagagc	cagcagaant	accacaagaa	gttcttggta	catttctagt	cttcgaagtg	180
aagaccgacg	aagaagatga	gcaaagaccg	gcaaatcggt	gcatgaccta	gcaatgcaag	240
agtgtcctct	cactgtctgt	gggtctattc	atactctttc	taagcaccat	gcgacctctc	300
aagggctctgt	ttccagcaaa	acatcacatg	ccctctcacy	agacagcttn	caggaaaaca	360
tcatgtggca	caactgantt	gttaaagaaa	ccagaaaattt	ncacttcaca	tntccctttc	420
tgcttcaaaa	aaacca					437

<210> 160  
 <211> 224  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(224)  
 <223> n = A,T,C or G

<400> 160						
accagtgaca	attactacta	cacccacagc	atttggcaca	tcctactggc	tggtagtgca	60
gcatttcttc	tgccaccacg	agaggaaaaa	gctgggtcct	gggcctgttt	gcagaagttc	120
ccttgtcact	accagatctg	caggaatgat	cgggatgagt	tgtacacagt	gacctgataa	180
ggctggntca	tggacacctg	aaactctaat	gacctcttca	gcta		224

<210> 161  
 <211> 176  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(176)  
 <223> n = A,T,C or G

<400> 161						
actgaggaaa	atatatgcaa	tgatctacag	caaatttagt	ggctgtaagt	cagcaaggna	60
ggnaatnntg	aatattataa	acatagnata	acttaataac	ngnnctttnt	catgtaagat	120
cttatgtatc	ctagtctaac	cttaaactat	gtagctactg	gacccttgag	ccttaa	176

<210> 162  
 <211> 357  
 <212> DNA  
 <213> Mus musculus

CC400T"66600000

<220>  
 <221> misc\_feature  
 <222> (1)...(357)  
 <223> n = A,T,C or G

<400> 162  
 gggctctttc tacatagctc tggctgtcct caangtgngt agaccaggct gcttcactga 60  
 gngctaggna ttaaagggaag gcaccaccac cccggnctctg ggccaatgan ancggcacna 120  
 aaagaccogn tgntgctcgt ctaccatta ctgattcatt tccactccag aagncatanag 180  
 anacagaaga cnatcngtnt cactncaatg gncanataac tgagtactga ctggctcagg 240  
 ngatcctaaa gncaactcac caatgtagca naagcccnag tgtnaccgac tgaaggagaa 300  
 aacacaganc tacncattgc attnacctcc cctattattc attacatgcc accccac 357

<210> 163  
 <211> 529  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(529)  
 <223> n = A,T,C or G

<400> 163  
 gactgaggaa taatgtctca gccaatcagg atgaagaact gggtcattgag acattcctga 60  
 tgcaaatcga ccaggagaca aagaagtgtta ctttctattc cagcactggg ggctactgga 120  
 ccttggtcac ccatgggggc attcaggcca cagccacaca agtctctgcc aacaccatgt 180  
 ttgaaataga atggcatggc cggcggtggg cacttaaagc cagcaacggg cgttttgtgt 240  
 gcatgaagaa aaacgggcag ctggccgcca tcagcgactt tgtgggcgag gacgagctat 300  
 ttaccctcaa gctcatcaat cgacccctcc tgggtgctgcg tggcctggat ggctttgtgt 360  
 gccaccgccg gggctccaac cagctggaca ccaaccgttc cacttacgac gtcttccact 420  
 tgagcttcag ggatggcgcc tatcagatta gaggccngg aggtgggttc tggtagacag 480  
 gcagccatgg aagcgtgtgc agcgacgggtg acttggcgga agatttcct 529

<210> 164  
 <211> 552  
 <212> DNA  
 <213> Mus musculus

<400> 164  
 atgagcggga ccgagtgcga aagaaaacat tcaccaagtg ggtcaacaaa cacttgatga 60  
 aggtccgcaa gcacatcaat gatctctatg aagaccttcg ggatggacac aacctgatct 120  
 ccctgttaga ggtcctctca ggcatacaaac tgcccagaga gaagggcagg atgcgtttcc 180  
 acaggctgca gaatgtgcag atcgccctgg acttcctaaa gcagcggcag gtgaagctag 240  
 tgaatatccg caatgatgac atcacagatg gcaatcccaa gctaacgctg ggctgatct 300  
 ggaccattat cttgcacttc cagatctctg acatctacat tagtggggaa tcagggggac 360  
 ccaccaggat aaaccaagtg agtgtttatc cactcacagc ctttcgtgac cctacatttc 420  
 catgcacagg tcagaagctg caccaatgag aagtcttcag gcgatgtaga aatgactgtg 480  
 gattctaata cacaccgaaa ttctgactga gaatttaaata tgcagaataa agttttaaaa 540  
 cctaaaaaaaa at 552

<210> 165  
 <211> 114  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(114)  
 <223> n = A,T,C or G

<400> 165  
 catggcatcc aaggatgaat nggcgggaa tggactttcc cccctttttt cccccccttt 60

ttctaaagcg ngctctgccat taaaaatttg aaccttgaga gaaaaaaaca caaa

114

<210> 166  
<211> 239  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(239)  
<223> n = A,T,C or G

<400> 166  
tccatatatg aaatgagnaa cactgaatgn ccagtggagg ttgcttgcca gacaggagct 60  
gagcccacct gcagccaagc ctccagcact aaggncccca ncagtggaag nactcanacg 120  
gatganagcc atnaaggcgt anctgantcc agnanggaca aatnccagnc tnctgcccaa 180  
catgccaaag ctgnngatan ccctnggccca ccaccaagtc ccctactgag attaccgtc 239

<210> 167  
<211> 461  
<212> DNA  
<213> Mus musculus

<400> 167  
gataaaactc catccgcact cattctcaca ccgacaagag aactggccat tcagatagag 60  
aggcaggcca aggaactgat gagtggctctg cctcgcatga agacagtgtc tctcgtaggg 120  
ggcttacctc tgccccaca gctctatcgc ttacggcagc atgttaaggc tatcatagca 180  
accctggac gacttctgga tataattaaa cagagctccg tatcactcag tggcataaaa 240  
attgtcgtag tagacgaagc tgacaccatg ttgaagatgg gctttcagca gcaagtgtct 300  
gacgttttgg aacacactcc tgggtgactgt cagaccatct tggtttctgc caccattcca 360  
gatagcatag aacagctcac agaccagctt ctgcataatc ctgtgaggat catcactggg 420  
gacaagaacc tgcttgcgcc agtgtgcggg aaatcattct a 461

<210> 168  
<211> 457  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(457)  
<223> n = A,T,C or G

<400> 168  
ttaggcccgg aggcggaacc ggaagacccg ggtactggtg ccacgtccgt tgctgtgctg 60  
cgaattccct gagtgggacc ctggaggggc cgatggcaga ttggactcga gctcagagct 120  
ctgggtgctg ggaggacatt ctggacagag agaacaagcg gatggctgac agcctggcct 180  
ccaagggtgac caggcttaaa tcgctggctt tggacatcga caggacacac gaggaccaga 240  
accgttactt agacggcatg gactcagatt tcacaagtgt gactggccta ctacgggga 300  
gtgtgaagcg cttctccacg atggcacggg ctgggcgaga caaccggaag cttctgtgtg 360  
gtatggctgt ggtcttaatc gtggccttct tcacctctc ctacctctt ncgaggacaa 420  
ggacgtgagc cagnnggagc caagggcagc caggcta 457

<210> 169  
<211> 313  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(313)  
<223> n = A,T,C or G

<400> 169  
ggaaagaaga aatatgaata cggctccatc aagacccagc cccacacgaa gctcgcgtgt 60  
cattgggagc cttcagagca ggaggagggc cccagggtcg agctgggtgtg tacctgccat 120  
gttgctctgc agcaggcagc agagatttga ctcttcgttg caaattgctg ccgggtccaga 180  
tgctaagcca ggtttgcggg aagagctgct tgagagctgc tgctgtgcct gtgctgcana 240  
ccccgcgtgc tcgcatgttt gggttacttg tttgaaggga aataaaaagg gcaaaacact 300  
ccaaaaaaa aaa 313

<210> 170  
<211> 130  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(130)  
<223> n = A,T,C or G

<400> 170  
gtgtccacca cccacagccc agcggcctgc agcgatcntg acctnatctg cccactgan 60  
ccacngaata angnanccnn ccctactctc ttgaatacca tcaataaagt tcgctgcacc 120  
caaagaaaaa 130

<210> 171  
<211> 215  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(215)  
<223> n = A,T,C or G

<400> 171  
gcctccaggt atgaaatcca aacagatgtg catagacngg atccctgcga ctgtcagagg 60  
cagaagttca catggataac cctgtctcag gaggaaaagg agacgtcaag gacagangga 120  
gtggaaagcg aagcttcact tcctttctag agaattctgt ncaancacca atatatatgt 180  
aaatgtgtca ntatngaac tttcctgaca aatta 215

<210> 172  
<211> 121  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(121)  
<223> n = A,T,C or G

<400> 172  
tgccgttctt ttgttcttct ccgtgaaaaa ctgtgtccgn agtgacaaag agacagtgtc 60  
cgtttgttca tntgtgacat cagagnagcg tactgtagca catcncgaga gacagatgag 120  
a 121

<210> 173  
<211> 207  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(207)  
<223> n = A,T,C or G

<400> 173  
ggaactctca aaggtcngac acgcgaagna tggcatgctt ncatataaan gncatctnna 60  
nnaaagttca ccctntcggg nnntgcaggg tgactcaggg ggcctggctg ctgcttgtct 120  
ggctttgttg aagagggatt ggggaagcag ggttgtggnt cctattttct cccaccntn 180  
caagccncg gcaaggctct tgctgaa 207

<210> 174  
<211> 391  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(391)  
<223> n = A,T,C or G

<400> 174  
gactgagtcc agcccaaaga gtaaacnaga naagcttgga gaagcccctc gccctgggng 60  
ggtgctcttt gactttgnct nnganccgat gaccaccan aaccactgc tggagacaaa 120  
cagccgctcc ccggggctga aggggtactgt tggagggtcat cgaacaagca agattatgag 180  
gtttgttgat aagatcacca aatcaaaaata ttccaaaaaa gcaacagaga cagaattcat 240  
taaaaagaag atcgaagaag tctctaatac accagctgcc tgaggaaaag ctttggagga 300  
gtcaaaaggc aaagggaagc cttctagtgt tacagctttg ctctgaatgt gctcatttgn 360  
ttgtccgtga gatgccagga cttggaaggt g 391

<210> 175  
<211> 260  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(260)  
<223> n = A,T,C or G

<400> 175  
ctcctgccaa tgtggctnac tgcattgcatt angngctttg gatgacctga nctctggncn 60  
acctgnancc acatggtagt naggtgctg acttgagag atggtgacaa gattgagtct 120  
gtctggatga tagcatctg tgccacctac tgatgactgg ttggtgtggg aagccacatg 180  
tgccgttgca gagtgtact gactactgct ggccaccacg cataagattg gacaaacaac 240  
caatgtgtac atatgcagta 260

<210> 176  
<211> 246  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(246)  
<223> n = A,T,C or G

<400> 176  
gtggggagcg tggattcttc tacacaccca tgtcccgccg cgaagtggag gacccacaag 60  
ttctgaagat gaactggatg tgctttttaca tggaacccca gacaaaaagc gaaaactcat 120  
ccgggaatgt cttactggag aaagtgaagc atcaagtga gatgaatttg aaaaagaaat 180  
ggnggtgaa ctaaactcca ccatgaagac aatggaggac cagttatcct cactgggaac 240  
aggca 246

<210> 177  
<211> 535  
<212> DNA  
<213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(535)  
 <223> n = A,T,C or G

<400> 177  
 cacctccaga aattgagggga gaantanngc gagacttcat ggntgcgctg gaggcagagc 60  
 cctatgatga catcgtggga gaaactgtgg agaaaactga gtttattcct ctccctggatg 120  
 gagatgacga aaaccgggaa ctcagagncc aaaaagaaac cctgcttaga cactatncag 180  
 gnngaangtt ccnatcttct agaccaacgc tcctanccat gggatgatcan ggaatggagg 240  
 ggaataacac tgcnggggtct ccaactgact tccttgaana gagantggac tatccggatt 300  
 atcagancag ncagaactgg ccagaagatg caagcttttg tttccagcct cagcaagtgt 360  
 tagatactga ccaggctgag ccctttaacg agcaccgtga tgatgggttg gcagatctgc 420  
 tctttgnctc cagtggaccc acgaaccgct tctgcatttt acagangcga gacaattctt 480  
 cngaaagacn gntncngnnn aattctacat aagaaaatct gcttttgggg gctgg 535

<210> 178  
 <211> 597  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(597)  
 <223> n = A,T,C or G

<400> 178  
 gacatcaatg cttacaatgg tgaaacaccc acggaaaagt tgccatttcc catcattgat 60  
 gataagggca gggaccttgc catccttttg ggcatgttgg atccagtcga gaaggacgat 120  
 aacaacatgc ctgtgacggc ccgtgtgggtg ttcatttttg gccctgacaa gaaactgaag 180  
 ctgtctatcc tctaccctgc caccacgggc aggaactttg atgagattct cagagtgggt 240  
 gactctctcc agctgacagg cacaagccg gttgccaccc cagttgactg gaagaaggga 300  
 gagagcgtga tggtagttcc caccctctcc gaagaggaag ccaaacaatg tttccctaaa 360  
 ggagtcttca ccaaagagct cccgtctggc aaaaaataacc tccgttatac accccagcct 420  
 taagtctttg cggaaattgg ggctgcatct gcacatccag tactggggcc tgaggatgtc 480  
 agctggcagc ccgtgggtcc ttgcancang tccgtagaaa gatcgtggca tgatcacaag 540  
 ccggcctgta gatcgtctgc tatactactg ggcattaaat ggaaatggcc caaaaaa 597

<210> 179  
 <211> 203  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(203)  
 <223> n = A,T,C or G

<400> 179  
 ccggccaccg gcggctgtag aagaagcctc accgcctacc gtaccggcac cngngnttgct 60  
 gngcgagatn cgccgctac cagaagtcga ccgagctgct gatccgcaag ctgccgttcc 120  
 ancgctgtgt gcgcgagatc gcgcaggact tnangaccga cctgcggctt ccagagctcg 180  
 gngtgtnatg gctctgcagg aag 203

<210> 180  
 <211> 125  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(125)  
 <223> n = A,T,C or G



<400> 180  
aaggagagac aagggccttn ctgaggcagn acaaggaccc annanctacc cagtaatgca 60  
nnagggcggn ccnnacgac tgancctctga tcctaacctg caaagtgaag tttcaatttc 120  
cactt 125

<210> 181  
<211> 137  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(137)  
<223> n = A,T,C or G

<400> 181  
cagtggctctt agttttgagg agcatctata caaaatgcat atacaantgg ttttagcata 60  
aacatnaggag aaaagcgtct acactganac ataagagaag ttgttactga acatgtnata 120  
aataaggtgc aagaaga 137

<210> 182  
<211> 360  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(360)  
<223> n = A,T,C or G

<400> 182  
gtgtatgatg aaaaagatac agggagggtt cgttttgtag atcgtcagaa agagggtgaat 60  
gagaatttgc cattgatttg atagcacaac agcctgtgaa tgagggtggag caccgcatca 120  
taacctgcga tggaggcggt ggtgccctgg gccaccccaa ggtgtncnta aacttggaca 180  
aagaaacgaa aacggggaca tgtggctact gcggnctgca tttcaancag nagcatcact 240  
agtgtgggnt gtgtcctggt cctctgactc ctatggaaca tctccacgct ggggtgttctg 300  
tgtgaggcca ctgctctgtg aatggtgtcc cttgttttga ataaaggatg ctcccaccat 360

<210> 183  
<211> 348  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(348)  
<223> n = A,T,C or G

<400> 183  
tccccacett gcatcatgga anaaaatggg tggacccgaa aaatccacca tgggctactn 60  
agggtncagc cactgcggtn tcacaaccag atgcactagg ggttcancag cnatcacttn 120  
tgaggagcatc tcctaccatt tatacccagc agactgcatt ggcggnggca ggccttacc 180  
acaaacgcc a ncnactntc aggnaacaca aactgcggna ctgcagcaac aagctgcagc 240  
tgtnttacag cancaatatt cacaacctca gcaggccttg tatagtgtgc agcagcagtt 300  
gcaacaacct cagcagacca ttttaacaca gaatacgagg ctagggaa 348

<210> 184  
<211> 310  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature

<222> (1)...(310)  
 <223> n = A,T,C or G

<400> 184  
 taagttccct ccagggcntc tgcactagna ctgcagtgtg ctccacatac atcactgtag 60  
 gcctgacctc ctaacttgag ataaccggaa ccaagttcct gggatgcagt tgcatttcca 120  
 acgtgatcca ctggggcatc aagagcanag gatgactgga gagtgagggt cgctgtattc 180  
 ccagctcctg gctgagggcc tctccagccc caagagttgt cctggaagta gattngctgt 240  
 ctccatggac atgtgancaa tgggaaaaag aagcatacat tcagnantac tgacaggaag 300  
 aggacaagca 310

<210> 185  
 <211> 271  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(271)  
 <223> n = A,T,C or G

<400> 185  
 actgagggag atctctggcn acctgnnagt cacatttcat ggttgtgctc atcccttccg 60  
 ggtccaggta cagagacgat gctgccacag tncgcgagca caagtaattn aaagggccag 120  
 ggagtcggca acaagaactg gnaggagtna tcatcttaag ttagaagaag cagatcaaac 180  
 aagtcttatg ataaaaactt tattgtctta aatatcaaag gttttacaca tcacgttttc 240  
 ttcagaaagt tcctattaaa gaagaaaaat a 271

<210> 186  
 <211> 389  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(389)  
 <223> n = A,T,C or G

<400> 186  
 acaggccata attactnttt ggggaactct caatagggcg nacaggaatc atggetggtt 60  
 ccatacaaga agcccgtgcc caancatgtg atgaagggaa agcggggggg ggtgtggccc 120  
 ttaccantgg caccatccga gnggccatgg nggaaaanaa tggagagcgt gtcctcatgg 180  
 aggggaagct cactcacaan atcaacaccg anagctccct ctggaccttg accccggcag 240  
 gtgtgttttg gtgaatctga ncaagggttg cgagtactgg tggagtgcc atcctggagg 300  
 gggaaaagcc catcgacntc gacaanatca acaagggagc cctccatggc tactgnggat 360  
 gaagaggaac angcattcct ggacaaaaac 389

<210> 187  
 <211> 317  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(317)  
 <223> n = A,T,C or G

<400> 187  
 aaagagagca cctgtgagga ctgngttnaag agcnaaccba agggggattc tgaccatttc 60  
 ttcccgcctc cagccatgga ggagggggca nccattcttg tcaccacaaa aacgggtgac 120  
 tacggcaagt caagtgtgcc aactgctttg caaagtgtca tggggatgga gaagccaact 180  
 cacactagat aatgagcttc ctaactggtg tgaagctgct ttgagaacct tctgtcagga 240  
 gagctggtgt tttagatgtc gttaggatga ccggtttacca accaagaata cagttttttg 300

tccttttaaaa aaaaaaa.

317

<210> 188  
<211> 213  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(213)  
<223> n = A,T,C or G

<400> 188  
actgaggctc aaaggaatga ctcaattcca agtctttcca caaacctctc agcaaact 60  
ccaacttant gaggcgcagc actggctcac atntagcatt ccancattct ggagatggag 120  
agaagagagt ccaaagggtt gacccagnc tcggcctcag gcccaggtac aaaggacagc 180  
cttaccanac caataaagct cacacgatga aaa 213

<210> 189  
<211> 621  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(621)  
<223> n = A,T,C or G

<400> 189  
tacttattgt ggaactatna caggacagac atnattgaan nagttattac cntgtagagn 60  
gtcnncnctgn tntncgctgc gaccttgatc ttntttcact tgtacaagaa caaaggcagc 120  
tacgtnacct atgancctgc agaaggggag cccancgccca tcctncanat ggagactgac 180  
tcagccaagg gcagagagaa ggaagagtac ttcattctaatt gcttcccagg ctggaggggc 240  
caattcttgg ctccaacact aagccgctgc ctctgtagtt aggggaacgtt tgctctaaag 300  
ccagggagtgc gcgttgggtg atacaggcac atccactcac ctcccaggac acagccccc 360  
ataccggcat cactgactcc aggggtccaga gacatggaga aagctgttca tgatgctggg 420  
ccttgataag gacagtgtc gaaaccgacc accaaagagg ggccatgcct gagttggaag 480  
tgaggtcaca tgctggtcca ctttgncccc tccctattna cgaccaatag cccagtcag 540  
ngctatncag ncttttctgg aggcaggaca ccncaggag ggggtcggac ccaggggnagg 600  
gganagggag tctgaaaaag g 621

<210> 190  
<211> 431  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(431)  
<223> n = A,T,C or G

<400> 190  
ctgagcatcc agcgagcagc cttggtggtt ctggaaaatt actacaaagg acttcacat 60  
ctataaccgc aacctcctaa cagcatccaa attccgagca gccaagcaca tggctggcct 120  
gaaagtctac aatgtagatg ggcctantan taacgccact ggtcagtcct gagccatgat 180  
tgctgcagca gctcggcgca gagactccag ccacaacgag ntgnattatg aagaggccga 240  
acacgaacgc aggggtgaaga agcgganagc aagactggta gtggctgngg aggaagcctt 300  
catccatctc cancgtctcc aggctgagga gcaacanaag tctcctggag aggtgatgga 360  
ccccagagag gcagcccagg ccattctccc ttcattggcn ggggcacttg agaantacct 420  
tggggcaccc a 431

<210> 191  
<211> 279

<212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(279)  
 <223> n = A,T,C or G

<400> 191  
 gactgaggtg gttattggtg gcagaataaa tacttaatca atggagtga tgccaacaac 60  
 accanaagtc caagatctct ttgtttctgt gggcctgaat gttaacaacc ctactttct 120  
 catcatgcag ggcagaatta ccgaaagtat taaatatgaa accaccagag atattatcca 180  
 tgattgaaga agctgctgga accaggatgt atgagtacaa aaaaatagcc gcccgaaaa 240  
 ctatagaaaa aaaggaggct aagctgaaag aaataaaaa 279

<210> 192  
 <211> 774  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(774)  
 <223> n = A,T,C or G

<400> 192  
 actgaatgac tgcctggagg agtcacagtc ggatatcagc ctcgagctcc ctctgagcca 60  
 ggagacattt tcaggcttat ggaaactact tcctccagaa gatatcctgc catcacctca 120  
 ctgcatggac gatctgttgc tgccccagga tgttgaggag ttttttgaag gcccaagtga 180  
 agccctccga gtgtcaggag ctctgcagc acaggaccct gtcaccgaga cccctgggccc 240  
 agtggccccct gccccagcca ctccatggcc cctgtcatct tttgtccctt ctcaaaaaac 300  
 ttaccagggc aactatggct tccacctggg ctctctgcag tctgggacag ccaagtctgt 360  
 tatgtgcacg tactctcctc ccctcaataa gctattctgc cagctggcga agacgtgcc 420  
 tgtgcagttg tgggtcagcg ccacacctcc agctgggagc cgtgtccgcg ccatggccat 480  
 ctacaagaag tcacagcaca tgacggaggt cgtgagacgc tgccccacca tgagcgctgc 540  
 tccgatgggtg atggcctggc ttcttcccag catcttatnc gggtggaang aaatttgatt 600  
 cccagtatct ggaaagacag gcagactttt cgncacaccg tgggtggacct tatgagccac 660  
 ccgangccgg ttntgagtat ccaccattca ctacaagtna atgtgnataa ctctgcatg 720  
 gggggcatga accgccgact atcttacatc ntaccctgga aaattcaggg gaac 774

<210> 193  
 <211> 279  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(279)  
 <223> n = A,T,C or G

<400> 193  
 agctgttcca ccatactcct cttnccccaa tccttaccag acggctgtgt acccagtga 60  
 aagtgcctac ccccagcaga gtccatacgc ccagcaaggc acgtactaca cacaacctct 120  
 gtatgcagca cctcctcagc tcattcacca caccacggng gtgcagccca atggcatgcc 180  
 agcaacagtc taccctgctc ccateccctt nntnctagag ncngcggggg caccatgggn 240  
 gatggctgct gggaccacga tggccatgct agcagggtac 279

<210> 194  
 <211> 485  
 <212> DNA  
 <213> Mus musculus

<220>

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<221> misc_feature
<222> (1)...(485)
<223> n = A,T,C or G

<400> 194
ctgaagcccc cgggtggaga tngnncgac tttttggaag tccataagaa ggtatttctt      60
caagcangcc taataggatg gcatctaata ttttcggacc aactgaagaa cctaaaaaca      120
tacccaagag gacaaatcct ccaggaggca aaggaagtgg gatctttgat gaatcgactc      180
ctgtgcaaac tcgacaacgt ttgaatccac ccggggggaa gaccagtgc atatttgggt      240
ccccagtcac tgccactgcg cctctggcac acccaaacaa gcccaaggat catgttttgn      300
tgtgtgaagg tgaanactct aagtctgacc tgnaggctgc ancagactcc acaccagag      360
gagagcagag tgacaaagga agctcaaaag aagtagagca tgcnaagata ccggagccca      420
cacctacagt tgacagtcac gaaccagac tggggccacg acctcgctcc cacaacaaag      480
tcctg                                           485

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<210> 195
<211> 464
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(464)
<223> n = A,T,C or G

<400> 195
tgggcctaca aatcatatgg ctncnactcc tgaccnanng cncagcccc antccacccc      60
tgagatttgt ggctgtgggc gactggggag ggggtcccaa tgccccattc cacacagccc      120
gggaaatggc caatgccaaa gagatcgcca gaaccgtgca gacgatgggc gctgacttca      180
tcatgtctct gggggacaat ttctacttca ctggagtgca cgatgccagc gacaagaggt      240
tccaggagac ctttgaggac gtgttctctg accgtgccct tcgcaacatc ccctggatatg      300
tgctggctgg aaaccatgat caccttgga acgtctctgc acagattgca tactctaaga      360
tctccaagcg ctggaacttc ccagccctt actaccgttt gcgcttnaaa attccacgta      420
caaacataac tgtggccatn tttatgctgg acacagtgat gctg                                           464

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<210> 196
<211> 395
<212> DNA
<213> Mus musculus

```

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<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G

<400> 196
cctgacaatg agaaaagctc tagaagcagn ccaaagcata tacaactcat tntctngctn      60
nagtgggtna tgaagataga tgnanttnc tcgcacantn ngcncnaact nctggatatnt      120
ncangcntcn naantngnga ggagggcgtc ntncatcaat cacatctcac aggtaccagc      180
ttgcaaagac ttctgggttc attttttagtc aaatagcagc atgtgtctta agcatagtca      240
tgcattgctt agtgaggagg atacatatct gctaagaaat gtcactagga gatgttactg      300
tggtgtagag agcacctaca tagnctgcat ggtatataag tntaccact atttcctatg      360
gatattgtta agagngggaa atgcaagggtg catga                                           395

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<210> 197
<211> 470
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(470)
<223> n = A,T,C or G

```

<400> 197  
 acatccattc ccggtctacct gaacccttcc agtaggacgg aaatcctgca tttcatagac 60  
 aaggcaaagc ggtcccaacca gcttcctggg cacctgactc aggagcacga tgctgtgctc 120  
 agtctgtctg cctacaatgt caagttggcc tggagggacg gggaggacat tatcctcagg 180  
 gtgcccatac acngatatcg ctgctgtctc ctatgtcccg agatgatgct gcacacctgg 240  
 tggctctgaa gacagcccag gacccaggca tctctcccag ccagagtctg tgtgcagaaa 300  
 gttctagagg cctcagcgca ggttccttgt cagaaagtgc agtggggccc agtagaggca 360  
 tgttgcctgg tcatcatggc cncagagagc aagggtcgccg cttgaagagc tgtgctccct 420  
 gctcagccng gtcttccaga tttgtttaca cggagtccac catcgacttt 470

<210> 198  
 <211> 489  
 <212> DNA  
 <213> Mus musculus

<400> 198  
 tgaggctctg cccaccaagc catgtcttct aggcagcacc tgggctctgc tccgcctccc 60  
 tctaccactg atcaggatat gctctgggaa gtgggggctc aggcttcagg agaagccagc 120  
 actgtctctc ccaggaatgg ctgccagcac agtacagggtg gcaggcagga aggactaccc 180  
 tgctctgctc cccctgaatg agagtgaagt cgaagaacag ttcgtgaaag gacatggccc 240  
 agggggggcag gccaccaaca agaccagcaa ttgtgtagtg ctcaaacacg tgccctccgg 300  
 cattgtgggc aagtgccacc aaacaagatc tgtggatcaa aacaggaaga tagctcgga 360  
 agtctccag gagaaagtgg atgttttcta caatggtgaa aacagccccg ttcacaaaga 420  
 gaagctcgag gctgagagga gaaagcgaga gaggaagaaa agagcaaagg agactctaga 480  
 aaaaaaaaa 489

<210> 199  
 <211> 496  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(496)  
 <223> n = A,T,C or G

<400> 199  
 gactgaggac agtgtctacg tatatgtacc aaggntccaa ggangtagat gnccttgtgg 60  
 ctggaggcct caatgcctga tgtttctcct gattctgcaa cggagtgtgt gaagacagaa 120  
 cctcaagatg caggagacca gggaggcaac acttgcatcc tcaggaggga agccaggatg 180  
 cccagtgcaa ctgggggttg tttagggata ggggttgagt cagcagagcc tacagccctg 240  
 ctccccaggg cagagaccct cccagagccg acagagcttc gtccacaaaa gcggaaaaag 300  
 ggcccagccc ccaaaatgct ggggaacgag ctgtgcagtg tctgtgggga caaagcctct 360  
 ggcttccatt acaacgtgct gagctgagag ggctgcaagg gattcttccg ccgcagtgtc 420  
 atcaaggagc catcgatgt ctgccacagc ggtggccact gccccatgga cacctacatg 480  
 cggcgggaaat gccagg 496

<210> 200  
 <211> 378  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(378)  
 <223> n = A,T,C or G

<400> 200  
 agcaaagtgc gcctcaaaaa cagagaaggc aagatggctt ctgaatcaga aactttgaac 60  
 cccagagctc gggctcntnan ctntatnnnn ancatnnnan ngcctaggnc cgtnatcann 120  
 gtnngtgaga nnncccttgn tcttgagnag attanntgcc cnnatactag acaagggcca 180  
 gggctcagga agnnngagng gntggnnecat ggctagcaan ggatgagggt gatctagtca 240  
 tccctgcgcc catccagcag ctggtgactg gacagtcttg cctcttcact cagtacaaca 300

tacagaagaa agccattgac cgttcgtgag ttccgcaaga tcgccaatag ctgacaatgc 360  
actgggtgttt tatctgct 378

<210> 201  
<211> 385  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(385)  
<223> n = A,T,C or G

<400> 201  
ctgtatatgg gcttgccctgg cccaccccgag cagacttcgc agactctgga gaggccctaa 60  
tgtcacantn ctgactggtc tcaccagagg caactctnga atnttttacc gagagggtgct 120  
gccaatccag caggcatgca gggcagaagt cgtgtttctc catggaaaag catttaattc 180  
ccacacatgg gaacagctgg ggacattgca gctactgtca gagaggggct accgggctgt 240  
ggccatcgac cttccaggtn ntgggaactc agccccttca gaggaggnga gcacagaggc 300  
aggccgagtg gagtagctgg agagagtgtt ccaggaccta caggtgcaaa atactgngnt 360  
ggtgagcccc tcaactgagt gcaag 385

<210> 202  
<211> 491  
<212> DNA  
<213> Mus musculus

<400> 202  
tgaggccttg tacagctcca tcaagaatga aaaattgcaa tgggccatag acgaggagga 60  
gctgcgacgg tctctgtccg agttggccga tcctaaccac aaggatcatca agcgggtcag 120  
cggaggcagt ggcagcagtt ccagcccctt cctggacctg actcctgagc ccggggcagc 180  
tgtctacaag cacggggccc tgggtgcgaaa ggtgcacgca gaccctgact gcaggaagac 240  
acctcgtggc aagcggggct ggaagagctt ccacgggatc ctcaagggca tgatcctcta 300  
cctgcagaag gaggagtatc agcctgggaa ggctctttcc gaggcagagc tgaagaatgc 360  
tatcagcatc caccacgccc tggctacccg cgccagcgat tatagcaaga gaccacacgt 420  
cttctacctg cgcacagctg actggcgggg cttcctcttc caggctccga gcctggagca 480  
aatgcagtc t 491

<210> 203  
<211> 346  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(346)  
<223> n = A,T,C or G

<400> 203  
tcaatgagaa gacagnactc tgcacttggc tgtgcattca cccccaagtg tatggaagcc 60  
atntngaagc agctnctcaa ttctcctgcc atgtctctct gttcaggatg ttctgcccac 120  
tgaacccgag cctggcatcc agcaagcgct agccaagagc ttagcagtga ccacttgtct 180  
actcatcggg ggacggccat cagcctggag gtgaaccagg gagagtcttg actataggca 240  
cggccccagc atcagtggga tcttggggga gactttgacc atcagcagag gaggtttggg 300  
gggacaatgt tattaataa aaatgaccct tgccaagaaa aaaaaa 346

<210> 204  
<211> 177  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature

<222> (1)...(177)

<223> n = A,T,C or G

<400> 204

aaggtctgaca	agcaccanatt	ggnaaaggca	gngaagaaac	tctatggcat	tgatanggcc	60
aaaggcgtac	gttttagcagg	cttctgacta	tgacactctg	actgngacaa	gaatattggg	120
atcatctaaa	cngagtccag	ctggataatt	ntaaatatac	tttccccct	acaataa	177

<210> 205

<211> 230

<212> DNA

<213> Mus musculus

<400> 205

actgaggata	tgctgtcatt	ctgggctgtc	gtaatatatt	tctctgcaga	agagtgggaa	60
tacctgggtc	ctgctcagtg	gaaattatac	agggatgtga	cattggagaa	ttacaacaac	120
tttgtttttc	tggtatcttg	ttcctctacg	ccatacctgg	tcagatttct	ggagcaaata	180
caagagcctt	cagatgtgaa	gagtcaagca	gacatctcta	tgtactcagg		230

<210> 206

<211> 328

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(328)

<223> n = A,T,C or G

<400> 206

tgacaccatc	aaaaccaacc	ctgatgacag	agaatcatc	atgtgtgcct	ggaaccctaaa	60
agatcttccc	ctgatggcac	tgctctcttg	ccatgccctc	tgctcagttct	atgtggtgaa	120
tggggaactg	tcttgccagc	tttaccagag	gtcaggagat	atgggtcttg	gcgtgccctt	180
caacattgcc	ngctatgctc	tgctcaccta	catgattgca	catatcacag	gcctgcagcc	240
aggtgatatt	gtccacactt	tgggagatgc	acatatntac	cngantcata	tagagnnggt	300
gaaaattcag	ntacagcgag	aaccaaga				328

<210> 207

<211> 385

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(385)

<223> n = A,T,C or G

<400> 207

actgagggtg	agtctttcct	gctagaagaa	gaaggacaag	gtgctgnaga	aggncgnccg	60
gatagnactg	aagaaagaag	tagtggagga	ggaggagaat	ggagctgnng	aagangaata	120
cgaaactgca	ctggatggag	aggatgntga	tnaaggnnnt	gaagacnatg	atncagctan	180
gcggcgctct	nntcatgncc	ccctgccctt	gggcttgtgt	tttggntttc	ccttcnngtn	240
ctggnggttg	nccggganca	cacacatccc	gccccctttc	tcctgtctcc	ctgctctggc	300
cctnccccag	agctgtgacc	cttgtccttt	gacccancct	ctcntttcca	tctctccttc	360
nctgtctcct	ccccttctgc	ctccg				385

<210> 208

<211> 185

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature



<222> (1)...(185)  
 <223> n = A,T,C or G

<400> 208  
 catgaggaat tggaaaactc ttctgaggat tacctntcca gcctaaggtg tggggaccct 60  
 gaacatccag agngcttttc tagntcaac attacgntgn ggcactttac cttgganggt 120  
 nagcaggngg nccnttgat ganattgtga aaacctcntg aaccttctag cagaggtggc 180  
 tcgaa 185

<210> 209  
 <211> 472  
 <212> DNA  
 <213> Mus musculus

<400> 209  
 cttgcttggc tctgccaggt gccaacagga ccctggttct gcaggaaatg tgaatctcag 60  
 gagcgtgcag ccagggtgag gtgtgagctg tgcccgacaca aagatggggc attgaagagg 120  
 actgacaatg gaggtgggc ccatgtggtg tgcgccctct acatcccga ggtgcagttc 180  
 gccaacgtgc tcacgatgga gcccatcggt ctgcagtagc tgcctcatga tgccttcaac 240  
 aagacctgtt acatctgtga ggaacagggc cgggagagca aagctgcctc gggagcctgc 300  
 atgacctgta accgccacgg atgccgacaa gctttccatg tcacctgtgc ccagatggct 360  
 ggccgtgctgt gtgaggaaga agtcctggag gtggacaacg gtcaagtact gcggctactg 420  
 caaataccac tttcagcaag atgaagacat tcccggccac ttccagcggg gg 472

<210> 210  
 <211> 863  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(863)  
 <223> n = A,T,C or G

<400> 210  
 gatctgagtg tggctctgta caaacatttc ctttcccctc gcgatgggga gacctgctcc 60  
 ggtgcatcca gagaactccg catcctctgc tgtgatatag atccagtcct tgtggagagg 120  
 gctgaaagag actgtccctt ccctgagggt ttgaccttta tcaccctgga catcatggat 180  
 caagagagca ggaaggttcc cttgagttct ttcttgagcc agtttgggcg ttccgttttt 240  
 gacatggtct tctgcatgtc agtaaccatg tggattcatc tgaaccacgg ggaccgtggt 300  
 ctgtgcgagt tcctggccca cgtctcctct ctctgcagct acctcctcgt ggagccacaa 360  
 ccctggaagt gttaccgggc agctgcaagg cgcctgcgca agctgggact ccacagtttt 420  
 gatcaattcc gctcgtggc catccgaggt gacatggcca agcagatcgt gcggatcttg 480  
 acgcaggacc acgggatgga gttagcgtgc tgtttcggca acaccagttg ggaccgaagc 540  
 cttctgctct tcagagcaaa gcacaccac gagactangc aatccccgaa tcgtcaacaa 600  
 aaagagacac ngacagatta agaatncgaa aggccacggg acacacacca gtaaagagat 660  
 acccggggag cttttaacac cggagaaatc gagtttgat cccagagaca tcaggcaagc 720  
 ctttganaac tggcaagggg cttttggcna aaatgtcttg aaaccaagcc ggcttgaaaa 780  
 gggcncaggt ncccgggttn cccctggttg gntttggnaa aaaacttncc cnccggnaa 840  
 atgaaattcc cccgggggac aaa 863

<210> 211  
 <211> 143  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(143)  
 <223> n = A,T,C or G

<400> 211  
 cagagactga ccagtgtgga cgtgcggaac acagnagact caccagtgtg gattaggacg 60

tgccctcttga ggtggtaact gctccgaaag gctccaaagc agtggttcaca aataaaaattt	120
ttgggaatct ttaaaaaaaaaaaa aaa	143

<210> 212  
 <211> 250  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(250)  
 <223> n = A,T,C or G

<400> 212	
aaaccttact ggaacctcac aggttatagg ctacaccttg cnaaaacccat tantatnnga	60
aagacttttgt caaagntcaa gaagaaatga naggnatcgt aagtnatcat agcgnatgag	120
aaactctatn attttttctg agnggggggt anagcctttt cattgtccca ctcatctcca	180
aagngactat aagaagacnn ntnggagata agancncatn gaacattaac caactgtggg	240
taaagcgctt	250

<210> 213  
 <211> 399  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(399)  
 <223> n = A,T,C or G

<400> 213	
atggaccgag ccctctgcaa tacaaccgct gtttggaac ttcattcttct tactgagcct	60
ggctgtctgc tacatgctcc ctgtggagtg gaacatccgc agacatttta aaggaacagc	120
tttgtgtccc accanaggtg ctgaggactg aacacatgga ctcatatc atacatgggt	180
aagctctccc atctatcacc tagcttcagg tttgtcagcc atctctccac atacacatta	240
agcatntgaa ataagacact gctgatattg gatgatagca aggttcagaa gacctggcag	300
aggatnttcg atgancttct gtccctcaagg aatcgantac aggacttcta cttgcagaaa	360
aggcaagaat ggctnattag ggaaaaagga tattcccga	399

<210> 214  
 <211> 323  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(323)  
 <223> n = A,T,C or G

<400> 214	
atgaccgttt tgatgaanat gacaaagatg attctgnctg gntnttanac catgattatt	60
tggaacacat gnatgggatg ntcaagangg tcantgccat anaaaggata gttgggtggt	120
nccacacagg ccccanttnt gcacangagg ggatatccgc catcaatgaa ctcatgaaga	180
gatnctgccc caactcanta ttgggtcatta tcnacngaa nccaanggac ctangacttc	240
ccaccgaanc ctacatcctc agtgnaggaa gctcatcgac tatggnacgc caacgtcaat	300
anacttttga gcatgtgact agc	323

<210> 215  
 <211> 416  
 <212> DNA  
 <213> Mus musculus

<220>

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<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

<400> 215
cccagtcacg ttaaatgtag gtggacactt gtacaccgac atcgcttacc acagttgaca      60
cgctaccccg attctatgct tggagctatg tttgggggtg acttcccac agcccagac      120
cctcaaggca attacttcat tgatcgagac ggaccgctct tccgctatgt ccttaacttc      180
ctacggactt cagaactgac actccccctg gactttaagg agtttgatct gcttcggaaa      240
gaggctgatt tctaccagat cgaacccttg attcagtgct tcaatgacct caggcctctg      300
tattcctatg atacttttga agaagtcgta nagctgtcta gcactcggaa gctttctaaa      360
tattccaatc cgggggcccg catcatcncc cantttaacc attcaccccc gaaagg      416

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<210> 216
<211> 317
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

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<400> 216
gatgactgcc tgcctttnac cttggagacn gtgtacagct ggnanctgna agcctgggat      60
gaggatctgc aggaggtcct gtccctcagat gaaattgggg gcacctatat ctcaccccca      120
ggaaacgaag aggaagaatc aaaaaccttc actactcttg accctgcgtc cctagcttgg      180
ctgacagagg agccagggcc aacagaggct acacgcacat cccaaagccc tcgctctcca      240
gattccagtc agagttctat ggcccaggag gaagaggagg aagagcaagg aagaactagg      300
aaacggtaaa cagagtg      317

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<210> 217
<211> 235
<212> DNA
<213> Mus musculus

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<400> 217
acacgaatag catagtcatc tggaagagaa gaaacaccag tcactccctt cgaggagtct      60
actgaggaag aaagagaaca ggaggaggcg gctgctctca aaatccagtc cctcttccgg      120
ggacacgtgg ctagagaaga ggtaaagaag atgaagtcag ataagaatga gaatctgaaa      180
gaagaggcag acaatctgag accacagggt ttacaccccc gaaacatgaa aagta      235

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<210> 218
<211> 355
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

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<400> 218
acaacgttcg tgcggnctcg tnaggggttg tngnctggcc ctatgacang gatgaatggc      60
cagtcaacaa aagtgagcat ctttccctgt ctttcacatt cttccttcat ggagagagta      120
accgtgtgca caagtgtgga gatagctcag caccagccga tctatttgat caacgaggac      180
gggctgtaaa ctagatattt gtaatcttta ccacttggga ttgcttcctc tcagagttca      240
ccagaacttt gaatttctct ctctctctct ctttttttaa tgggctgttt ttactgcagg      300
ggcttttctt ccctagaaac ccaactctac gcagaaaaag tgaaaaggaa aaaaa      355

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<210> 219
<211> 120
<212> DNA

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<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 219

ttggttccac	gtacgtcagn	tctgctcatt	atcantgacg	gcggnatctg	cgacgtgaca	60
cataccatag	angccatcgt	nagtgccttc	tcactgcca	tgtactatca	ttattgtcgg	120

<210> 220

<211> 265

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(265)

<223> n = A,T,C or G

<400> 220

gggagcagat	ggactatgga	ctacagttta	cctcctcgcg	aaagttcctc	agcatctctc	60
ctattgnact	ttacctcctg	gccagcttct	acaccaagtn	cgatgctgct	cacttcctca	120
tcaacactgc	ctcgtctgctc	agcgtgctgc	tgcctnngct	acccagttc	catggggtnc	180
gactcttttg	aatcaacaaa	tactaaanga	nggttggtta	gttctgcagg	cattgaggga	240
aggcactgga	actaagatat	aatgt				265

<210> 221

<211> 375

<212> DNA

<213> Mus musculus

<400> 221

gactgagcct	cctgctgga	gagggagcac	cccccccacc	ccccagggcc	tggagcctac	60
ctgccagcat	cctgggagat	ggtaacagac	acgtccagtc	ccagtgtggt	cacccttttg	120
cacacggcgt	ccatgtcgat	gatggagtcg	atgctctcgg	gaccatcctc	cacgcagcac	180
tgagagccgg	ggcagaaccg	gcaattatcc	agtcctttgt	aacccttggt	gtgcccacat	240
ttttccagcg	tcactgtggt	ggccatgccc	gacaccccaa	catgcactac	gagctgggga	300
caagagacaa	ttgggggacg	gttagcagga	gcagcaccca	cccatacatc	gtgagatgcc	360
aggacttgga	aggtg					375

<210> 222

<211> 102

<212> DNA

<213> Mus musculus

<400> 222

acctagcaga	tgtcacacag	acgataaata	gcaaagatgg	aagtcttcat	gccggaggca	60
atcctataag	acagctgagt	tctgcagagc	tggagacaga	ct		102

<210> 223

<211> 498

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(498)

<223> n = A,T,C or G

<400> 223

ttcctctctc	gttcaaatac	tgtagtgca	atgatcaaan	tctgtngacc	cacatnatcc	60
------------	------------	-----------	------------	------------	------------	----

gcctagtgtg	caacgaggtg	acnacactga	cggnanaccc	acctganggg	attananact	120
tccgcaatga	tgaggtatct	ncacagacct	gcaggttacc	atcgagggcc	ctgatangga	180
ctnccatgc	tggaggtctg	ttccgtatga	aagctcctac	tggggaagga	ctnccctgcc	240
tccccaccca	agggctactt	cctgactaaa	anattccacc	caantgggtg	gcccccaatt	300
ggccgagatc	ntgntgncca	natgtgcttc	aannnagnng	acctgngann	ggnnctgnaa	360
tctggggctt	taccnaatat	agtagcctng	gttgcnccaa	tnaaangngn	ccttgggtctg	420
gatnccccacc	ccttaaacc	cannaanttc	tggnannttc	aattagaaan	gaagggcaaa	480
ggccccgccct	ttgccttt					498

<210> 224  
 <211> 502  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(502)  
 <223> n = A,T,C or G

<400> 224						
agactgagaa	tgctcgtgat	tcctgtccct	tggattgtaa	ggtttatgta	ggtaatcttg	60
gaaataatgg	aaacaagact	gaattagaac	gggcttttgg	ctattatgga	ccactcagaa	120
gtgtgtgggt	tgctcgaaac	cctcctggct	ttgctttcgt	cgaatttgag	gatccccgag	180
atgctgctga	tgctgtccgg	gaactagatg	gaagaacact	gtgtggctgc	cgtgtaagag	240
tggaaactgtc	gaatggtgaa	aagagaagtc	ggaatcgtgg	gccgcctccc	tcttgggggtc	300
gtcgtcctcg	agatgattac	cgcaggagga	gtcctccacc	tcggcgcaga	tccccaaagaa	360
ggagaagctt	ttcccgaagc	cggagcaggt	cactttctag	agataggaga	aaaaaaaggt	420
ctcttgtctc	gtgagagaaa	tcacaagccc	gctcgcgtcct	tctcttaggc	tcgnaaccce	480
tctanggccca	atgaaaggga	at				502

<210> 225  
 <211> 556  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(556)  
 <223> n = A,T,C or G

<400> 225						
tgccgctgtt	cctcctgctg	agagccctga	gctattcnan	agatgacact	gnntgcngct	60
gtnggaccnc	cgcagccacn	ctctnnecgg	tcggcnctcc	ctccttgga	ngnnattnta	120
tgaataaaca	tcnnaaccag	tactatcagg	ccagcggttc	aaaaccgga	aaagggatga	180
agaaaagaat	ttcnaaccce	cnccttncag	ggatacactt	gtccaggggc	ttantnaacc	240
tgggtgataac	cttgaanctg	tagccaaatt	tttggattct	actggctcac	nattagatta	300
ccgtcgtat	gcaaacacac	tctttgatat	cctgggtggct	ggcagtatgc	ttgcccctgg	360
aggaacacnc	ntnnacaatg	gtgacnagga	ccaagatgac	cancactgt	gtgttttcag	420
caaatgaaaa	tcattgaaacc	atccgaaact	atgctcaggt	cttcaataaa	ctcatcaggg	480
agatacaatt	tatttgga	aggcatttga	anatgaaatg	aaaaaacttc	tcctcttcc	540
taaagcattt	tctgaa					556

<210> 226  
 <211> 198  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(198)  
 <223> n = A,T,C or G

<400> 226

aacgacgaaa	catcancaga	actttattga	gantggattc	tgagactann	catgacactg	60
angaggcacn	gcaagtgact	cctncaatga	cnagntccan	gagatccatn	ngcaanaatc	120
tatgggnggg	ccggggggccc	cagtcenrrt	catgcaggat	ntatctgcga	ctttcagaan	180
ntggggaggc	tgacattg					198

<210> 227  
 <211> 446  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(446)  
 <223> n = A,T,C or G

<400> 227						
agtctgagct	ttgacgactt	cctggacctt	ctgagtcggt	ttcanngaca	naggaacccc	60
nnacatgang	ccncactatg	ncctnccgnt	cttngactnn	tnngacnatg	gacccntgga	120
cagagaagac	ctgagccntc	ttgagaatct	gcctcacagc	agagagggcg	aggacactng	180
gctaanacgc	ttctgagatg	aacccagntg	attagacaat	nncctggaag	agtaanacat	240
ctgacagggn	tgggaccatc	tatnttncgc	aggtccaaca	tgtgatctcg	cgctcaccag	300
actttgccag	ntnctttaag	atngtncgtg	gatgtctttn	aagnnccaac	atgcctggcc	360
aaggacctgg	ccactgctga	gatgtggcca	aggttatgcc	tgcggtgnca	ggncnngtgc	420
cggcccagnc	tggaagagggc	gctgga				446

<210> 228  
 <211> 354  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(354)  
 <223> n = A,T,C or G

<400> 228						
ccccactggt	tcagggatgt	acacgatcgg	agacattgtc	cacagttggn	gagtgcactg	60
cccctgagca	ggactgtgcg	atnnactgtg	ctcanggtcc	ccaaggctgc	tgggcnanga	120
agncgnntca	gaantnctaa	ggggactctg	gccaatgnnc	tagancaant	naagtntttt	180
tccaacgtnt	aaaaacacat	anaanaccnc	cagcctatgn	ccnctttctg	ctcccggatc	240
acgtcctgtc	ggtaacatta	gccacagtcc	aaagatggca	cagccaagga	tggaagccaag	300
tctccacacc	aaaatctatg	atggcccacg	tctgactcaa	gttaaaaaaa	aaaa	354

<210> 229  
 <211> 186  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(186)  
 <223> n = A,T,C or G

<400> 229						
gttgccagtg	ttgctgattg	ngatacaaga	tnгнаaggag	ccnggggtntt	ncattggana	60
ggctcttctc	cctggagcat	cccggcttct	atcttacaag	atgcttgnat	acagncttct	120
gataaagatc	tggaacgcct	ttcnggntgc	tnatagagag	ggaanttctg	ttatatggga	180
gaacac						186

<210> 230  
 <211> 665  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(665)  
 <223> n = A,T,C or G

<400> 230  
 agcaagctgc acatggaagg gttccgaagc ctcaaggagg gtgaggcggg ggagttcacc 60  
 ttttaagaagt ctgccaaagg tctggaatcc atccgtgtca ctggccctgg tgggtgtgttc 120  
 tgtattggaa gtgagcggcg gccaaagggg aagaacatgc agaagcgaag atccaaagga 180  
 gacaggtgct acaactgcgg tgggctagac catcatgcc aaggaatgcaa gctgccaccc 240  
 cagcccaaga agtgccactt ttgccaaagc atcaaccata tggtagccctc gtgtccactg 300  
 aaggcccagc agggcccccag ttctcaggga aagcctgnct acttccngna ggaataggaa 360  
 gagatccaca gccntgncct gctccnagaa ncccagaatt gangcccagg agtcagggtt 420  
 attcttttgc natggggagt ttaangaaag aggcataaat ctgnacagtg ntnaangtgt 480  
 nngtaanggt nggnttttgc tggnttancn ttngnctgnc gagncntnnn gccggnettc 540  
 ccaacgtcat cctgcttttc ttnaagntan tgaaaggatt aggcnaatgg aactctaccc 600  
 nactnttnc tgaagcnagc gaagcttttn tgngggagga accnccctg aaccccgagg 660  
 ctttt 665

<210> 231  
 <211> 105  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(105)  
 <223> n = A,T,C or G

<400> 231  
 tagtctggaa ccacgccgng ggaggatcta cagaaatatt gctggcgag acacatttcc 60  
 agttgtctga ggtggccagg acattactcc cgtgcgcctt accca 105

<210> 232  
 <211> 199  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(199)  
 <223> n = A,T,C or G

<400> 232  
 accatttttg atttttgtac ccatataaag tctctgaaac tcaagtcaag gaatcttctg 60  
 aagacaaaca acagttttcc tccaactgga ccatgtaatt taaagctgaa cggcagtcag 120  
 caagtactgg ttgancacag ttatgccttt aggaacccta tggaggcgaa aaaaaggata 180  
 attaaactag aaaaggaaa 199

<210> 233  
 <211> 530  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(530)  
 <223> n = A,T,C or G

<400> 233  
 ggatcatgaa gtgatataca gtcattttca gggaccatta nagggtncta tagaaccagc 60  
 tactccaact gaagtcgtca gcaatggggc acctctncag cctgnccctg ctgaactggc 120  
 caatagccaa ggnggagcac atgttcagcc tgcccctgnt gaagtgggtca gcagccaana 180

tggaactgunc	actctacagc	ctctgncacc	agcatncatt	gatttgacgg	aggaagtaca	240
gccctcagaa	gaaaatatgg	aggttgctca	tcctggaact	tcagaggagc	ctagtcaggg	300
atctggtgct	aaccacaaccg	ccggagctgc	tagatccgtt	tcaatgaaca	acttcatcag	360
cnggctgcag	aggcttcata	acatgctgga	attgctgana	cctccacctg	cagaccacag	420
tgtggggcca	ntaanancaa	ggaggaggat	ggcaccatt	ttgagggcca	gagctggaga	480
gtctcanagg	caagacaatg	gcaggtatgt	gccacataca	ccactatatg		530

<210> 234  
 <211> 281  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(281)  
 <223> n = A,T,C or G

<400> 234						
gaactgagag	aagaaganaa	tgaggcnaag	attgaaaatg	tgcagcaaaa	caggtttcat	60
caaaggacca	gtgttcaaag	gtgtngcttc	aagtcgattt	ttgcccaata	ggcacgaaga	120
caaaaagtaa	tttgaggaa	cagggacggc	aaaagggtgc	attcagcttc	agttttacaa	180
agaaaacttt	acagaataga	tttctcactt	gcgcttagca	atgaaaagca	aagtgattct	240
ccaaactccc	cagctcccc	tnttcaagta	gactcaaaaa	a		281

<210> 235  
 <211> 353  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(353)  
 <223> n = A,T,C or G

<400> 235						
tgagtttgtg	agggactgca	gtatggcttc	atttccttgg	tgcgtttgta	aaatagttca	60
cccattgaag	accatgaagg	ttctttccaa	tgctgccctg	cttttgctgg	tgtcttgctc	120
ctggaagtgt	tgatgctaaa	gnnttatgat	gtantgactg	ngatttcacc	tccaganttn	180
ngatgactct	ncgacattgg	nnngatnang	cggnnnactt	ctangactga	aggccatggn	240
gtgtgtggat	catggtaaac	tcaccaannc	aagtnatgcc	ctngagatga	tcctncttaa	300
actngtcatt	gcactctttt	gttgacnccc	agnctttgct	gtattacatt	aaa	353

<210> 236  
 <211> 448  
 <212> DNA  
 <213> Mus musculus

<400> 236						
gactgagaga	tgttatgaac	ataaacagta	tagaaatgga	ttgaagttct	gtaaacaaat	60
cctttccaat	cccaaatttg	cagagcatgg	agaaaccctg	gctatgaaag	gattaacagt	120
tgaactgttt	gggaaaaaag	gaagaagctt	atgaattggt	tcgcagaggt	ttgagaaatg	180
acttaaagag	tcatgtgtgt	tgccatgttt	atggccttct	tcaaagggtca	gacaagaagt	240
atgatgaagc	cattaagtgc	tacagaaatg	cactgaaatg	ggataaagac	aatcttcaga	300
tcttaagaga	tctttcctta	ctgcagattc	aaatgcgaga	tcttgagggc	tatagggaaa	360
caagatacca	gttgcttcag	cttcggcctg	cacagagagc	atcatggatt	ggttatgcta	420
ttgcttacca	tttattagaa	gactatga				448

<210> 237  
 <211> 227  
 <212> DNA  
 <213> Mus musculus

<220>



<221> misc\_feature  
 <222> (1)...(227)  
 <223> n = A,T,C or G

<400> 237  
 gaggcctcag cagttctacc tgtcatcana tcaggagcat cagtgttgct gccgcgttga 60  
 atgagnatgg ctgcaaagct attctcatca aatgatgtcc cattcaccac agggaggtct 120  
 tcaaaggggt ttacagactg gtctgaagac acagtgatgt actggacggc cagccagagt 180  
 gcagtgtctgc cttcgtgatn tttcagctct aaatctaata tgaaata 227

<210> 238  
 <211> 539  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(539)  
 <223> n = A,T,C or G

<400> 238  
 gaaagaagct gacgacagaa gggctgagga cctggggcacn accacttacc gaccacttcg 60  
 tngnctggct gaaagancgt taccttcctg ccaactaaag agcagaaata gtctacagat 120  
 aaggaaaact gaagtaaaat ggcctcataa tcaatncatc ctttggtacc aagatatgta 180  
 cacacggaca gctctcagac ggaatcctag ctgcatagag tgctcatcct gccaaatnag 240  
 cccaggctct gctcactagt gattccacac actagcaatt ccacatggta ggatcatcatt 300  
 gcccttnttg aactcaagtg caagtgtgag tgtgagctca cctggctatg ccattgtatct 360  
 tactcataaa cctcttccca tcgccctgag gccaaactgct tatcacctcc tgctgacttc 420  
 ctttcctcac tattgtcttc gtccggtcagt cctcttctg tcatcactgt ttagcttatg 480  
 gactttgntg nngggagccg cgcccacatt tcgncgntac aagatggcgc tgacagctg 539

<210> 239  
 <211> 135  
 <212> DNA  
 <213> Mus musculus

<400> 239  
 gactgagagg cttctcgaga gacgaatgct gttctgtgcc tgatgaaagg cttgaaactg 60  
 acgagcggaa aagaaatttg ttctattctt aaatggggac aaataaatga taaatatctt 120  
 ttctaataaaa aaaaa 135

<210> 240  
 <211> 486  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(486)  
 <223> n = A,T,C or G

<400> 240  
 caggtaggcc tgccaaacgt atangtganc cccctgtncn natgatgggn ttcctgngag 60  
 ggagagnccg gtgaccgaca tgcctantga gcctggcact natggtgctg aatcccggnc 120  
 tggntgcctg nggatcagca gacaattggg gccgtgggag agtctctggt acgcctcatt 180  
 aacgaccgag gagacggaga aggggtacga ttatggttta gggctagatg cagccgtang 240  
 ggccaccgta taccaggtca gaagccaaac gaaangtcaa acaccacagc ggcaagctcg 300  
 cgacgcgcct cagcaacgac accgccaaagn tctcgtggga ggagcgcgac tggcggcact 360  
 ctgcggaata gtggaagctc ccgcaagcag gcggggggcg tgaccgnaag aagggtgtatt 420  
 tcaaagtggg taatagatgg ttttctcacc caataaaant gcaatttatc ctctataaaa 480  
 aaaaaa 486

<210> 241

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<211> 154
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 241
tgatttaccc actgaggacc cttagatcct gtggatacct ganaattgat tcatctgtnt      60
gtagctgagg cttggcacct gcaagctttn cctctcctgg catttcacca agcccccgag      120
ctcacagggc tctggctccc ctgaagtcct ggggt                                  154

<210> 242
<211> 375
<212> DNA
<213> Mus musculus

<400> 242
agaagtgttt ctattttgag tgtcgaacac aacactcgaa agcggctcac aagcaggagc      60
ccggattagg gtttagtttt ggtatgtgtc cctccctttg acttgaaggc ctgcctgggc      120
tgtgtctgta acatgatgtc tgttgatgag tggagcagac acctgcccac agttggctcc      180
tggtaaactcc cgtctgctgg actgcgttgc cttcttccgt atgctctccc gaaaactgcg      240
ttgccttctt ctgtatgtc tcccgaacac tcaagtgttc tcaggcggcc tctatggtgt      300
cctttctctt ctttcccaaa tggtagccca aataaatgaa tatatatgaa tcgttttcaa      360
cctacaaaaa aaaaa                                  375

<210> 243
<211> 153
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

<400> 243
gcctctggga tctcttcttc cttcnngnag cggactgacc acagcaggat cttcttctca      60
aaatctgtgg gcttgtgcag cnggcacccc gtgtctgtna gactctgtgg ggaaaacagg      120
aatctggctt gagactttaa tgctcaaate aag                                  153

<210> 244
<211> 239
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(239)
<223> n = A,T,C or G

<400> 244
aaaatgccat aagtcctgtg ccatnaagaa tatgctngac ctncctttgag aaaaccaacg      60
agatgcgttc tgaacttcaa caatcatgtc catgngtgct ggctgcaaca gatgagtgag      120
cggctttcat ncaccagtac ccgcaccttg gnggnntgaa acnnngatct ggacagcatt      180
ttncaaagga tcaagacact nnaggggaaa ctaatnccag ncagcactcc ataggcctt      239

<210> 245
<211> 174
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(174)
<223> n = A,T,C or G

<400> 245
gaaaagattg aggaagtgtt tcacgtggaa ccccaactac agagactctt ttataggggc      60
aaacagatgg aggatggcca cacactcttc gattatgatg tgcagcctca atgacacaat      120
ccagctgctc gtgcgcnggg nggntggcac tgcctctcag tacaaaaaaaa caaa          174

<210> 246
<211> 245
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

<400> 246
cccgaacctg ccaatnctac tttggcttca gtggatggtc gaaaaggatc atcaagggca      60
gtcctcgttt cttatgaaga ggaagacagc tcacaagctt gncttccaag gcgggctgta      120
ntcagatgcc ttccagatgc gtgaccantc ngnggntctg gaaagtggna ggntcgcggt      180
ggagtacagg cccacgggng angatntana tgccagaaag naaagaagag ctgcgagaat      240
ttaat                                          245

<210> 247
<211> 176
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(176)
<223> n = A,T,C or G

<400> 247
tgcccactca ctccattctc annacctctc ttctcatgn nnatgaatca ggatggnaag      60
ttctnagnct acatgctcta gcatcatacc tgnctgncag atgccgngct ccctgncatg      120
atgntcntga actcaccctt taaaactgna agccctcnat aaagcctttc ttctac          176

<210> 248
<211> 399
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(399)
<223> n = A,T,C or G

<400> 248
cttgtctctg tgtagtagcc caaatcctaa tctccagtga aaccctccac atgcatgac      60
ttggtctcca gcagctctgg acactgcccg tcaccgacac ctacctgatg tcaggactgt      120
cccgactctg gggaggtatg acatctttac gtggaagtca gttcccaaag gaactattca      180
gaagctagct cactgaagga gaccaagaac aagctggagt tgatcccctc actctgggta      240
aggtgcacct tggtttggtg cactcacatg gtgttcacag ccatttataa ctccagttnc      300
aaaggatcta acaccctttt ctgacctctc tggncatcag gcatgcatgt ggtgcacaga      360
cttacatgta ggcaagacac ataaaataaa aatgaagag                                399

<210> 249
<211> 127

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<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(127)  
<223> n = A,T,C or G

<400> 249  
ccatccatga aagctctgag acagagactg ggtccangag tacattagca gccgnatngt 60  
ntggangngg tcaganggtg tgntatattg aaggtnntcg ganntattat atctaggggg 120  
ggggaga 127

<210> 250  
<211> 411  
<212> DNA  
<213> Mus musculus

<400> 250  
gatgctgact gcagggatgg aggaactttt tccactgcag aagaacaatg tgggtgcctat 60  
gggaacatgc catgtgacca ttctccattc ctcccagcaa ggcacgctgg gtgatgtgaa 120  
gaacccagga aggaaagctg gaggagagca tgggtgggtg cagagcggga tttggggaag 180  
ccctgagccc tgctccatct gaccctcagt acatctgtct ccgtcactgt ctacctgccc 240  
tgctcacgcg tgcccctcac tcacccacag gcaacaggcc tatctttccc ccaacatcaa 300  
aagagctatt tcagcgactg tcgctgtacc tggcccatag cctctagtct atatatgtct 360  
gtcaaatgaa ttggctataa acatgaaaag gtttctcctg aaaaaaaaaa a 411

<210> 251  
<211> 144  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(144)  
<223> n = A,T,C or G

<400> 251  
catatgagag cggagccttg cangnacctg gattcagang aataccacnn ccgctatggn 60  
tctngnccctg tattgggctg antacctgcc agnatccaca gaggtgggtg tgnaccaca 120  
gcaggaccca aaagacatgt attg 144

<210> 252  
<211> 244  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(244)  
<223> n = A,T,C or G

<400> 252  
catggcggca tacaancatg tgggtancgag atctgacgcc ctcttggtgga gngtctgaag 60  
tcaactacng ttgtacttat gtataatant naatnnttct tttnnanaaa gttgacaaag 120  
aatcncctana gcagcctcgg ccatncacag acagnctcgc gtttttctcc tactntgtgc 180  
ttatgctntt aaatggcaga ctgcacgggg cngnggtggc ngcacgcctt ttaatccctg 240  
cact 244

<210> 253  
<211> 211  
<212> DNA  
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(211)
<223> n = A,T,C or G

<400> 253
gaactgagat gacaacctga gaaagctaata tttaaaaaat gatgccgggt agcaagcata      60
atagtaacag aattgtgctg ttttctggta tccccacccc catttgaacg gcgtgttctc      120
gatgtcgcta caagtttgtt caaatgacag atgnaactna aaangctgtt actgctattg      180
atgaataaca tactactctc aaaaaaaaaa a                                     211

<210> 254
<211> 216
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(216)
<223> n = A,T,C or G

<400> 254
caccctcaac cactggtgat aagccngntg tgttnccncc atctcaagac ttgctctgca      60
atgtcggaca cctcggccaa gccttgatta tcaaggagag actggaagat aaacagaggt      120
caaaaagccc acttgattag ggagtgagga tctgggtacca ctgcagctgg tgaggagaga      180
gagcaagaga tggaaaaang ggagcttacc taagaa                               216

<210> 255
<211> 278
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(278)
<223> n = A,T,C or G

<400> 255
aagacttgct ggacgtggag gaaattgtca gcgtccgtgg ctncagcctg gaggagaagc      60
tacgtagcca gttataccag ggggacttcg tgcattgctat ggaaggcaaa gattttaact      120
atgagtaccg tacagagaga agctntcagg gtccccctgg tttttcggga caaggatgga      180
ctagggatca agatgccaga ccntgatttc acagtccgag acgtcaaact cctggtgggt      240
aagtgccaaag ggccgggtag gagaagggaa gggagggt                               278

<210> 256
<211> 178
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

<400> 256
cactggacac gagctcgcat aatcagaaag gctttatcca gaggacttct acactgatga      60
tgatgaagga atgttatcag acatggggcc agcctggagc ngtgaagccg gaacccagtt      120
acacagattn agncctnatg anagtccagg tcngaaaaga gttcccgtgc cttacgct      178

<210> 257
<211> 270
<212> DNA
<213> Mus musculus

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<220>  
 <221> misc\_feature  
 <222> (1)...(270)  
 <223> n = A,T,C or G

<400> 257  
 cggccaccg tgcgccccag actgaanaag actgncanaa actatgacca atcannagagc 60  
 agcatcaacg gacatctatc caatnggnac gtgctaggnc ggtacctacn gaacaagacg 120  
 gncggnctca cctgtnttnc tacggtggga ttgagaggta nccgcatagt gcgacactag 180  
 aacnanncaa aaggncgcag cacaagttac gccactacg ggggtgatgn tgggaaaggg 240  
 cgctgcgca gaggtgctct cctggatctg 270

<210> 258  
 <211> 261  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(261)  
 <223> n = A,T,C or G

<400> 258  
 aatccggtac gaatttttnag ggctcatggc ccggccggcc gttcatcatc ttgaggcagg 60  
 ttccacgaga ggtttgacct cgactccaac tataggaaaa acaacgactc caaacgccgt 120  
 gaccgagcta ccgtcctnct ccgcgctcta ggctgaaggg cattccgacc tgcattnta 180  
 ggagacatnn aaaccctatg ctgcctcaaa ctcaaacttg cagcaatcct cctgccttca 240  
 gcttnccccc acccaccgtg c 261

<210> 259  
 <211> 407  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(407)  
 <223> n = A,T,C or G

<400> 259  
 ctgcggtggc acctggggccc tggcngtctn tacntattgt ggaacnatnn ctgngcaggc 60  
 nntncgnggt acataacctg ngtnaatcc aatgcgcatg cngcagggtg tccctggaggc 120  
 ctatggcggg atgctngaag gagccgtaca gcatngagca nngcnagngc cnttcgggnt 180  
 acctatngga ncatggagct ggccattcct cactgggagc cctgagaccn ccattgtangc 240  
 ancnncaatg gtctctacct gcggggcggg ggagaatnna ggacnagctt tgccctgcgtt 300  
 ggancnnaca gnataanagc agngctntgt gccattcggg ctacctctcg ggcattggagc 360  
 tgnccattcc tcaactgggag ccttgatacc accatgtaag catcacc 407

<210> 260  
 <211> 196  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(196)  
 <223> n = A,T,C or G

<400> 260  
 ggggttacggc catatggaca nctcaagcgc ctgctagaag cagccagttc tgggtgaggcc 60  
 acaggggact cagcatcctg acaacagcag ttcacctttc caaaagggaa ggtaactctg 120  
 aagccgccat tcacatccgg acccagcggg ctcttttccc ttacaacgga gccactttcc 180  
 cctccaaaaa aaaaaa 196

<210> 261  
 <211> 268  
 <212> DNA  
 <213> Mus musculus  
 <220>  
 <221> misc\_feature  
 <222> (1)...(268)  
 <223> n = A,T,C or G

<400> 261							
actgagccca	ggagactcat	tggaggaagg	tgtatatcca	agagcaaatt	gaccagaagg		60
actcttccat	tactgaagct	ggncatggna	ctcatcagga	gtgcaggttc	tttgtgaatc		120
acccacgctc	caggtgagat	ttttaatttg	tatagttgcc	tataaactgc	ccaagggact		180
tcctggtgat	gtaactgcct	ttgagtcacc	cgtgtacct	taagtggcct	caataaannc		240
aatggttcac	caagctgaaa	aaaaaaaa					268

<210> 262  
 <211> 324  
 <212> DNA  
 <213> Mus musculus

<400> 262							
cttctcaccc	atgaagggag	ggcatgtggg	gcaggaacca	gagacctcct	gcagggtcaag		60
tgcagacaca	gagcagggtca	acttcctcag	ccaccctcag	cacctagaga	agccctagct		120
ccatgcagga	cgaagagcct	aactccccac	ctcatgcctg	tcaccaagac	tggcctcttc		180
tctgtccttc	caccttctta	tgcaaggcag	tgggtgtctgc	tcagccctgg	gcgtactctg		240
tcctcacagg	ccctgcactt	tagggccctg	gtgtcatgac	ctgtggaaga	agaaggttgt		300
agttggtagt	ttccagattc	ctgc					324

<210> 263  
 <211> 298  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 263							
tgaggtatta	tggctnaggt	ctgtctgttc	ctgancggct	ggaaaactgc	cgaantttgn		60
natcngtgn	gcggnagtgg	caggnccttgn	tatgngctta	nccaactgtn	tgntgagaag		120
ggacatgtca	ccggaatana	catgactgan	gtccagggtcc	aagngtctaa	aacctatntt		180
gaacaccaca	tggaaaaaatt	tnggtttcca	ggcaccacaat	gtgacttttt	ctccacggnc		240
gcatcgagaa	gttgncagan	gctgggatcc	agagngagag	ctatgatatt	gtcatgtg		298

<210> 264  
 <211> 215  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(215)  
 <223> n = A,T,C or G

<400> 264							
actgcccttt	gagaataaaa	tgggaggcca	caaccaaaagt	cttttggata	aagcaccaca		60
atggacaatg	naaggnagnc	tgcccttactc	tnactncttn	nnaaggcaca	gancttttgc		120
attatggtaa	agancctcan	ttctaactctg	tttctctctg	ctctccttcc	cgagggacag		180
aatctttacc	agnntnggaa	agacctccct	aactc				215

<210> 265  
 <211> 287  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(287)  
 <223> n = A,T,C or G

<400> 265							
gctcgcattc	aactgtgatg	agcccatgta	tgtcaagctg	gnggnggcac	tttntgctga		60
gcaccngatc	aacctgatac	aagggtgatg	acagacannt	aaactaccgt	gaatgggnag		120
gcctctgtac	antctnatcg	angagggcnn	accacaggca	angtggttgn	ttgcnnngtn		180
ccntanttgg	ttaangacta	tggcanngan	tttcaggcca	nggatgtcat	acgaggaata		240
ctncaagtgc	nggaaataaa	taaatttttg	gctgaaaaag	agaaaaaa			287

<210> 266  
 <211> 170  
 <212> DNA  
 <213> Mus musculus

<400> 266							
gactgagttc	ctcgtctgagc	agtgtctggat	ggcggcttca	tctacttgat	catgctgcgg		60
cgcttcaagc	agaaagccca	cctgacttac	aatggcaaca	gtggcaacag	ctcagaaccc		120
ggagagacac	cgaccttgga	gctgggtgac	cagacttcca	aaaaaaaaaa			170

<210> 267  
 <211> 258  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(258)  
 <223> n = A,T,C or G

<400> 267							
gactgagacg	ttcctctgct	ggagactggt	gagcttcagg	gacatgccat	caaggaacta		60
aaggagagcat	taagagacta	tgaaatgaan	gggcttgtnc	ctacaggcat	gaccgnaaac		120
tcctgtctgna	nnaggccaga	gactttcgtg	gttntgtgaa	aggaaactaa	ntttaatnaa		180
atnttgagnc	gnnctnnctt	cttgnaacat	cctgattagc	ggcttgtacc	tactggcaat		240
accggaaact	cctgtctga						258

<210> 268  
 <211> 337  
 <212> DNA  
 <213> Mus musculus

<400> 268							
aactgaggca	aacctgtacc	tgggactgct	ggtcatgtgt	ggctttgtcc	tctttgatac		60
tcagctcatt	attgagaagg	ctgaacacgg	agataaggat	tacatctggc	actgcgttga		120
cctcttccta	gatttcgtta	ccctcttcag	gaagctcatg	ttgatcctgg	ccttcaatga		180
gaaggacaag	aagaaagaaa	agaagtgacc	aactggccgt	cagcctttcc	cagctcacct		240
tctccccccc	acccccccac	ccctgtttct	ttgcacacat	cacaggtgtc	gtgtttctatg		300
ataatgaaag	catcaggaaa	gctttttgtac	ttaaaaag				337

<210> 269  
 <211> 150  
 <212> DNA  
 <213> Mus musculus

<220>



<221> misc\_feature  
 <222> (1)...(150)  
 <223> n = A,T,C or G

<400> 269  
 ggagaacttt ctacatttag agctgtgcaa cagagaggag caggctgtac tcctgagagg 60  
 tagtgagctg ataanaagat tccagacctg tggaaacctg gatgtgaata gtatgatggc 120  
 agaaattttt gattaaaaag tcattgtata 150

<210> 270  
 <211> 119  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(119)  
 <223> n = A,T,C or G

<400> 270  
 cacctttgaa ccctacggct gntttgnaca tnttntgnat actaggtntg cccnctganc 60  
 ttgggcctcc tctttttctc ttaagtcttg ctttctttcc ttncctctgcg aaatgagtt 119

<210> 271  
 <211> 525  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(525)  
 <223> n = A,T,C or G

<400> 271  
 tgagatttga aggatgcacc ntctggccaa ggacagcctt cttttcggaa gactcccgat 60  
 tcaaagtggc gacagacggc accatcacag tgaagcggca tctaaagctc cacaagctgg 120  
 agaccagttt cctcgtccgc gcccgggact ccagtcatag ggagctgtct accaaagtga 180  
 cgctgaagtc catggggcac caccatcacc ggcaccatca accgctgacc cctctccaa 240  
 catggttctg accttcagt ccaaagaaga tgcaattgcc ttgacagaaa aaaaacggat 300  
 ggagctatga tgtggaagag aagaaggttc cgaaacccaa gtccaagtct tatggtgcaa 360  
 acttttcttg gaacaaaaga acaagagtgt ctacaaaata ggttggagct ggctacatct 420  
 ctgcttgact gtgactgaag tgtcagctgt gcactattta tagtccatgg ataatgcacc 480  
 tcttaatctc ctaataaatg tgacctttaa actacaaaaa aaaaa 525

<210> 272  
 <211> 278  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(278)  
 <223> n = A,T,C or G

<400> 272  
 aagacagcag acccttgaag gacatgtcat tgcaccttta cgctctgnga tgaccngnca 60  
 tactntccct tgccctgnnt ttcgagtcgn tggaaaccna gnnaganaan tctatncngg 120  
 agnaagagga taatgcanc ccaagggtgt agtgctatnn atagattnta catcatanng 180  
 aaatatacta ctgcatagct acgacgttac ctanagcata cccatgacca ttaacacctg 240  
 ttnatgngga cactccagng ntattatcaa ctgccatt 278

<210> 273  
 <211> 297

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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 273
gaactgaggc cctttgattg aatttaaaca gtctnctaga ttgattctgc ctcccaacaa      60
gaacaaactg aggaagtgat gagccacgta gccgntnacc cttanagtnt tagatngncn      120
gatcccttca tgtatacttt acagaaaacc agttaaccgc ggccgtggng ggcncncnc      180
nttttgnccc acccnnntgg aggcaaaggc aagccggntt ntttcaaagg ggggggcccc      240
ctggttccac aaagggtt   cccaggaaac ccccggggnn tttaaaaaaa aaccctt      297

<210> 274
<211> 139
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(139)
<223> n = A,T,C or G

<400> 274
acaacttaat cacatgtncg cccgccnctc accaaacctg nattgatttt nangntggag      60
caagaggaag agccttgntg tggagnngag aganntgctg aggagaccct gnccagctcn      120
tgcttactga cctgcttga                                     139

<210> 275
<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 275
actgaggtgg gagagcacac ctgtacacct gggcacctgg gctcctggac acctggacac      60
ctggacacct ggacacctgg acacctggac acctggacac ctatacaaac tccatacata      120
cacataacc acagacagat gtgcaaaggg ttatgcacag tgacctggtt agttttaact      180
gtcaacttga cacagcctag agtcaactgg agagttgcct agctttnnca gagngactca      240
cngatgtctg gctngntatt caagtctcat gacacattaa ggagctttca aacagctgta      300
gncgtgnacc taangaantg gtgggnaatg ctgannagct gaagtaattg aatcagagta      360
nnnatattta tcccttggag actcc                                     385

<210> 276
<211> 288
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(288)
<223> n = A,T,C or G

<400> 276
acaatggatc acgttagaca acatgaatga ncaaaaaaat aatgaacaaa tgaagaaaac      60
ggcaaagaca agtggccaga aaggggccgg cggaagagcc ctcgacagac tgaccctaaa      120
gcaagacgag gcaaggccag tccagaatac cagagtggaa gctccccgtg tancatacac      180

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catgcgggat	gaaagtgaga	ttagccccga	gactgaggaa	gatggnttcc	ctgacggata	240
cctagagtgc	atcatacgag	ttaaatgtga	atagttacaa	aaaaaaaa		288

<210> 277  
 <211> 180  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(180)  
 <223> n = A,T,C or G

<400> 277						
gctgggacca	gtgccaggca	tgcccttcaac	tccagcccag	acctggcaga	ccacattcgc	60
tccatacatg	tcgatgggtca	gcgtggaggg	gttgggtttg	ccattctttt	tcactctttg	120
nttggttgtt	tgattgnatt	atttataatt	gcaaatagga	ttttttttct	tcatgagaaa	180

<210> 278  
 <211> 277  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(277)  
 <223> n = A,T,C or G

<400> 278						
ggcaaaggcc	aagccgaggc	aggagtggac	ttcactcacc	cacaggcaca	gccaggcatg	60
atgatctgga	tgcccngtga	agangtgcac	gctcttnggt	ctttanctgg	tgggggaagc	120
cagggtcagc	gntgtccctt	nttctnacac	cccttncccc	accctagnnt	gacacgncac	180
caaagcttaa	taccctnctt	tacananggc	acatnccggg	gtngtacttt	gggtngcntt	240
gaacaggagc	caanatnngg	ntcaaaaaag	cttggat			277

<210> 279  
 <211> 483  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(483)  
 <223> n = A,T,C or G

<400> 279						
ggagagacat	gtggacacgt	agcccctatg	gcttctgcct	gccagatcct	ccgctggggc	60
cttgccctgg	ggctgggcct	cacattcaag	gtcacgcacg	ccttcagatc	tcaagatgag	120
ctcctgtcca	gtttggagag	ctatgagatt	gccttnccaa	ctngagtggg	ccacaacggg	180
gcaatgctgg	ccttctctcc	acctgccttc	cggaggcagn	gtcggngtgc	aggggctaca	240
actgagtccc	gnctattcta	caagggtggc	gcacccaagc	actcacttcc	tgctgaacct	300
gaccccgcan	ccccccgtct	cctggcaggg	cacgtctcgg	gaggaatact	gggacacggg	360
aaggcctggc	ttggcagaag	gctgcccggg	cccactgnct	atacgtggc	caccttgacg	420
ggccaggctg	ggaagctccc	atgtggccgn	cnagcancct	gtggggggcc	tggtgagctg	480
aag						483

<210> 280  
 <211> 241  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature

<222> (1)...(241)

<223> n = A,T,C or G

<400> 280

tgcccaccag	taatggaact	caccnaagna	tacagnnngt	cctctcttgn	tcattggccan	60
gnngcaagan	ccaaggncaa	gcctgcatgn	canatgccgg	tggtgcnnaa	accnancngt	120
gcctngagga	ntgtcctacg	ngcatnangc	tgagagcaaa	gagaaccgaa	agggactggc	180
catgcacccc	ggggtcgtca	aaacaattan	gagagggcga	taaatccttg	aaaaaaaaaa	240
a						241

<210> 281

<211> 425

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(425)

<223> n = A,T,C or G

<400> 281

tgagagagca	ttaaactatgc	ccccagctc	ctcgggggcca	ccctggaggg	gagactcaca	60
caatctacct	tcacgctgga	gcaacccctg	ggccaattca	agaacgtcaa	cctctctgac	120
ccagatccca	tctggctggg	ggtggctcac	agtaacgagt	gaaattcctg	gcgatgagtg	180
ccgaggggacc	cgtggctgag	acactgtggt	ccgaggagat	ctacctgcag	caagcccaga	240
cattccgaga	agctccaggg	tcccagggna	agggcactgn	ggncatnatt	gccttcttgt	300
caatccctact	gggcattctg	cttgnggncn	ttctcgtact	ggcatatttc	cgttgcatg	360
annaacttnn	nggnttcagn	ccacaaggan	caaggggggg	atgctgcact	attatccgcc	420
ccaca						425

<210> 282

<211> 267

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(267)

<223> n = A,T,C or G

<400> 282

actgagatgc	cttattggag	gaattggaac	gctgcacctt	tcaggacagt	gaggnatatt	60
caaatccagt	ttcttgtcan	nggntnnngn	aatccacaga	ggagagcaag	attccccaaa	120
ctccaaagac	cttgtcatcg	cagggttaaca	caagtccctt	gaaggtnaca	tttgaactat	180
tgtagtgtng	nagacaatca	agngngacaa	catttctaaa	aattgnattc	cacatagggn	240
tatatatttgn	aaattataaa	aaaaaaa				267

<210> 283

<211> 328

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(328)

<223> n = A,T,C or G

<400> 283

tgacagtaag	gaacccgaga	ctccatagaa	nagcccaccg	caggctntan	atcctgcagt	60
cagaggaaga	aggtgggact	gagtcacctg	gaactgagtc	gctcanagtg	gggccttcag	120
tanggnctcc	tatagtcagg	agaggggcct	gannatggtc	cagncagcac	antanntgan	180
gctgccactt	taccctggng	aactgacccc	catactagcg	cccacttcc	ggatcccccg	240
ggctggcgag	atattgaacc	agancccta	aagtcagagg	cacctactaa	ggtcggagggn	300

agccattcaa agtaggatgc caaccctg

328

<210> 284  
<211> 274  
<212> DNA  
<213> Mus musculus

<400> 284  
tgaagccctg acaagcatgg aacttacctt ggatatggag ctggtatatc tcaaggagaa 60  
cttgccatga ccctcctgcc tctgccttct gagtacacaa atgacgatgg tctcgcttca 120  
cgacacccag tcagctttct ctgccagaag cattcggacc aggaggagtg ggttattttc 180  
ccaggagatg ttgcattcct gattgaacat gctggccttg agataagggc ggccccgaga 240  
taacagtttt taaaaaattc ataaaaagga tgga 274

<210> 285  
<211> 297  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(297)  
<223> n = A,T,C or G

<400> 285  
cagcgggtcaa gatgtcgten cntcatccgc acaggancctt nccggacnng acgggactac 60  
acatgccgtc cacctgggtct cctgtccgctc gttcacanat acnttcccca cngangagca 120  
cacacngtag acngcnggac ngcntgtggt canntgtct gtcggcgctc cnacggaacg 180  
ggattggaag gacggactcc acaaggtgcg ctgtgtcacc gaggccgcca ggatggagnc 240  
actctnacga ttctcaacag gggctagacc gcggtacaga aattgtcctc ctcaata 297

<210> 286  
<211> 449  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(449)  
<223> n = A,T,C or G

<400> 286  
tgaggcaggt gcagtgaagg actatattaa gatgctgctt cagaacgact cccttaaatt 60  
tctggctctt gcgcaccatt taagtatgct ccaggcttgc acagaagcag tcatcgaaag 120  
caagtctcgt tacatcagga tagatggaag ngttccatct tcagaaagaa ttcatctggt 180  
taatcaattt cagaaggacc ccgatactcg tgtggctatc ctgagcattc aggetgctgg 240  
ccagggttta acgtttactg ctgcgagtca cgttgtcttt gctgagttgt actgggaccc 300  
tgacatatc aaacaagcag aagaccgagc tcaccgaatc ggacagngca gttctgngaa 360  
tattcactac cttattgcaa atggnactct ggacagccta atgngggcaa tgctgaatcg 420  
aaaggctcag gncacaggga gcacactga 449

<210> 287  
<211> 337  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(337)  
<223> n = A,T,C or G

<400> 287  
ggaccacatg gcattctgtgt ttccaagtga ggagatgtgt ttatcccaag tgtttctcca 60

ggtggaggct	gcgtattgct	gtgtagctga	gctgggagag	cttggcttgg	ttcagttcaa	120
agatctaaat	gcaaattgtga	acagcttcca	gaggaagttt	gtgaatgaag	tccgaagggtg	180
tgagtcactg	gagagaatcc	tgcgttttct	ggaagatgag	atgcngaacg	agattttaat	240
ccaagtgcct	gagaaggatg	ctgaagaccc	ctctccctcg	ggaaatggat	caccctggag	300
acgactctag	agaagtttgc	aaggagagcc	tgcagga			337

<210> 288  
 <211> 180  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(180)  
 <223> n = A,T,C or G

<400> 288						
ccccagactg	aaggactgtg	agcnngagag	ccacatcatc	tggacactcc	agggctacat	60
agcggccttc	tanancgcag	gaagctctca	ngagttcaaa	gacaggctgt	gctacntngg	120
aggatctgag	atgactgggc	ttcttgagac	tttggtctta	aaataaatta	gtagttactt	180

<210> 289  
 <211> 166  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(166)  
 <223> n = A,T,C or G

<400> 289						
tacagtgtgg	gccaaacact	aatatgcata	aatngangtn	nattatgngg	ntggctctggg	60
catcaggttt	ancnttcac	aggagcccca	ggctcnacct	aaccactncc	ttataccttc	120
cctcttccag	gaaataaact	tcatttctta	atgtcaaaaa	aaaaaa		166

<210> 290  
 <211> 162  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(162)  
 <223> n = A,T,C or G

<400> 290						
gaagtaccgt	gtagctgaag	atgaccttga	acttctaatac	ctggctctgc	tccccatttc	60
tgggattata	ggcttgggcc	actacattcc	attaagagag	naggggattg	aacctactac	120
tnnagannnn	ctnnaanntt	ctttgaagac	aggggctctc	tg		162

<210> 291  
 <211> 196  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(196)  
 <223> n = A,T,C or G

<400> 291						
tctgggtgta	ttttatataa	ccaaacatgt	catgggtcctt	cacagcatatc	aaatagtttt	60

gacgttttaa	ataaaagtat	ccagcaaaga	caaaggactc	ncannncnct	acgctgggtgc	120
nngantctcc	acctggctca	aagtgaccac	gcctgnctnt	ttnatcgngn	gtgctctgca	180
cttcttcccc	accccc					196

<210> 292  
 <211> 131  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(131)  
 <223> n = A,T,C or G

<400> 292						
tatacccacg	tgagtacctg	aagnggaagg	aagntaagcn	cncntgccct	gagcnagatg	60
ntngaganta	tgaccnacia	ccgnaacgtg	atcactggag	cccatttacc	cctgngggcca	120
gtccacatgg	t					131

<210> 293  
 <211> 367  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(367)  
 <223> n = A,T,C or G

<400> 293						
agagctcccc	cgccagaaga	catgaanaan	catancgact	cggttaaggg	aaagcgccga	60
gatgatgggc	tttctgctgc	cgcccgcgaag	canagggact	cggagatcat	gcagcagaan	120
cagaaaaagg	caaacnagaa	gaaggaggaa	cccaagtagc	cttgtgggtt	cgtgtccaac	180
cctcttgccc	tccggctgtg	tgccctgnagc	cagtcccacc	atgctcgagt	ttcttccctgt	240
agtgtcaca	gggtcccagca	ccgatggcat	tccctttgcc	ctgagtctgc	agcgggttcc	300
ttttgtgctt	ccttcccctc	aggtagcctc	tctccctctg	ggccactcct	gggggggtgag	360
gggggtt						367

<210> 294  
 <211> 422  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(422)  
 <223> n = A,T,C or G

<400> 294						
gactgagaac	agatacaact	tcctggttcc	cctcctgtaa	aatcgtggct	gttgaatggc	60
ttagagttcc	gaagatgtgc	gagcacacga	taccaccca	ggccaccagt	tctgttccta	120
ggagtgtgga	tggtacctaa	tcctttcaca	gccttctggc	tgacattttc	tacacagtga	180
atgggagttg	cttttttttt	ccatgctgct	ttttctacgt	ctgagtttct	tggacacttt	240
ccagctgcac	acaaaaacag	cttccttggt	tgtctanacc	gtcggtaatt	gactcaagcc	300
gtcccccttg	gaagccatgc	accggacttt	ccttgcatg	cgtataanag	tgcttgcgta	360
gattcctaga	agtggatgaa	ccagccaagc	agctatgtnc	ctggngcgat	gttgatagct	420
gt						422

<210> 295  
 <211> 105  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(105)  
 <223> n = A,T,C or G

<400> 295  
 atttttcctga aagtaatatc ntcncagaga agcttccctg gnacctgang tacacctncc 60  
 tgcattgannt ccccgagnacc agcagttata accaggacta tactg 105

<210> 296  
 <211> 178  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(178)  
 <223> n = A,T,C or G

<400> 296  
 cctgggacat gtttttctgga agagcnatcn aacgantgga acaaagaatg atnaccgtnt 60  
 gctgcaggct gtggaaaacg nagangcatg anaangngac ctccactgctg nacaanaaag 120  
 ggtccagccg ccacgaagca tgacaccgag ggcattnnacc agcgtaggag agaatttt 178

<210> 297  
 <211> 114  
 <212> DNA  
 <213> Mus musculus

<400> 297  
 actgagagggc agatctgaca aattctggca gttctccctc tgaggatgat gccctgcctt 60  
 caggttctcc ctggagaaag aagctcagaa agaagtgtga gaaagaagaa aaaa 114

<210> 298  
 <211> 274  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(274)  
 <223> n = A,T,C or G

<400> 298  
 cgtgggaagg tttcccagcc gaggccaggg acctgcaagc ctgtctactt gtcctggag 60  
 ctggaggaca aggaacagca ccagggtgtc cagcccgtgg acggncaggg aagtctcgtg 120  
 agcagcctgg ccgttggtgc cctctattgt ganggaggag agcancgagg aggttnttgc 180  
 catagctgct acttggtgcta aagaactcgg acatgancct gtccctgctg atcttgggag 240  
 aagtgcgcac cccagagccc ccagaatctc tcaa 274

<210> 299  
 <211> 244  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(244)  
 <223> n = A,T,C or G

<400> 299  
 gatccagagg atgataaaga aatgatagca gctccagana taccaactga ttttaactta 60  
 ctgcaggagt cagagacaca cttttcttct gacacagatt ttgaanacat ntgaaggana 120



aaatcanata ncaaggcaca ggcaaaactt tnttttttaa ggcngggggg ggtccagcag	180
aaaagggtna aagaggaaat ggtaggagga aaacctcctt ctnggctcac acccgaatga	240
acgg	244

<210> 300  
 <211> 130  
 <212> DNA  
 <213> Mus musculus

<400> 300	
agaggcaaaag aatgttgctc ctacaaagga actctcctga cagaagtcca cagaggacag	60
atggatgggg atgatttcca cactagtacc taactttaaa taaaaccaag cctgcagccg	120
tgtaataata	130

<210> 301  
 <211> 122  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(122)  
 <223> n = A,T,C or G

<400> 301	
catactaaca gaggtgagg gggattntgt cttggntntc attangacca nngcgnccct	60
attgatctnt tcatggngga aattgtggag atgaggcaca agtcngaaac ggacacacag	120
gc	122

<210> 302  
 <211> 131  
 <212> DNA  
 <213> Mus musculus

<400> 302	
gtgtcgtcaa caggaaagtg ttgtctcaga agaggagcta agatgggaag tatgggctag	60
gacgggaagt gcagggtctac tacaggacca ggtgaaaaat aaagtcactg aaacaattca	120
aagaaaaaaa a	131

<210> 303  
 <211> 164  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(164)  
 <223> n = A,T,C or G

<400> 303	
gatgtaccct gctaccacca gggccttgct tcccgtgtag ttgccaaaag aaaaatttnc	60
gctgccccat ccctcctgct gagaagnctt cctcctttgc tngggcattt ccgctgcccc	120
attgctcctg ttgaaaagga cttncctttt tgcttgggca tttt	164

<210> 304  
 <211> 536  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(536)  
 <223> n = A,T,C or G

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<400> 304
gaactgaggt tcttcaggag atgtagctga aacggttggt gaccaatcag tcctgtgtga      60
gntctgatnt atanggncca tgtgcagcnn ctacaggncn cgggnaacac ntantgacac      120
tganccttnc agcacgngng agaggncctgc nttcntggnc ncntcntatn ccnantcctc      180
nttccaagag cgcacctnac aatcctgcna ccagtccttc ngtggcanng tctganagca      240
tgcacaggtc aatgacttct tgcagacaca ggaaatccac gcactcaant ccagctngag      300
atgttnctcg gagctnttca nagtcggnac tgcaacacaa aggagcangc aggcttnctc      360
cagactncta tntaggattt gcccaggaag taagcatcng tcagactctg nacattcctg      420
ntagangtnc catgtacttg gcagcattcg agtnttcccta cgttnaaaga gaaattcttt      480
aanaagaatt tccagaagct gggcgtggng gacacgcctt taatcccage actcgg      536

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<210> 305
<211> 324
<212> DNA
<213> Mus musculus

```

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<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

```

```

<400> 305
actgagtgc accagggcaa aggccataa ctccttncat gctgncttcc tgatacacia      60
agcatcacia acctctcgan ttacctctgc caccgcgcaa ctccacgagc cctcttctg      120
tcccctgaat gccatgcttg ccagcaaccc ctgggttcaca tcngngactt aagggatccg      180
atgaagatat gtggaccagg atgctctgtc tttgagcagc ctactctaata ttcttttttg      240
atgctccctt ttagttcctc gaactaagct gcttctttgc taagtacaca tctgctaaat      300
aaacttcagc ttaaaaaagaa aaaa      324

```

```

<210> 306
<211> 164
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

```

```

<400> 306
gccacctggc ttctctttct agaggaccna ggttctatnc ccagtnntga cattggaagn      60
tcanangagn agtgnntctn cgtntctaat ctgaagtntc ctctgacctc tttgggnact      120
gcacacacat ggncaaaaaca cctagatgca taaaataaaa ataa      164

```

```

<210> 307
<211> 481
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(481)
<223> n = A,T,C or G

```

```

<400> 307
tgagaattta agaagctttt attcatgtgc atgtcataga agatgaattc atcctcttct      60
actatgaatg aagaacctga tgctctatca gtagttaacc agctacggga tttagcagca      120
gatccactaa atagaagagc catcgtccag gatcagggat gtttgccctg ccttatttta      180
tttatggacc atccaaaccc tctgtcgnt cactcagctt tgcttgcgct acgctacttg      240
gctgaatgcc gtgcgaatag agaaaagatg aagggagagc tggggatgat gctgagcttg      300
cagaatgtca tccagaagac tacaactcca ggagaaacaa aacttctggc ctcagaaatc      360
tatgacatcc ttcaatcctc caatttggct gatggtgata gttttaatga aatgaatttc      420
gcgtagaagg aaagctcagt ttttttttgg gaactacaaa caaacggggc aaaacagtag      480

```

t

481

<210> 308  
 <211> 356  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(356)  
 <223> n = A,T,C or G

<400> 308  
 tcttgtggaa ctcttaaagg ctctgtcagn anagcatggc ntggtnccnt atngganttc 60  
 tttacnatgt cngtgcctg ttgatccacc tgaaggagta tggccaccag gttcctgaaa 120  
 gggggaaaga tgaaatggtt caatctacct gaggggttaa acgtcacttc ttgatggaac 180  
 agaggataca acaccagggn nnnatgtncn ctncctgnan agtttctgac tncntggacn 240  
 gcgacgctgg nntgacncac atagagatgt tncgtctcng nttnacgncc ttgactgnct 300  
 aacncccggc tggaattata ttatcacaan gaggnacctc tacctcaaag actata 356

<210> 309  
 <211> 188  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(188)  
 <223> n = A,T,C or G

<400> 309  
 acttgaacat acccaagatc tctttctact cattgcaact tctgaatcga tcttctggtc 60  
 taagaaaaag gatcaagatt ctgtgatnng aggagctgaa naacgttata annctacatg 120  
 tgnctgtggt tttctgtttt cttgnaaggt acaattaatt tcttctcttg ttttctctatt 180  
 ataaacca 188

<210> 310  
 <211> 266  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(266)  
 <223> n = A,T,C or G

<400> 310  
 caaagcatgg gtttgccaga tgtgcaccac aaaggctgtg gagggggttg aagcatgagg 60  
 ttggcatgat agcgacctga cagtgggaac ctancatgct gaatggagac ngtttcagga 120  
 gctccaggcc ananagacnc cacnagatga aataggtcng gncctttacc ntcagtgcac 180  
 gntnagnacg gcacaancgc nggagcgagc cggctctatt ttttagatac ttnccttcaat 240  
 agagaccctt gccttaaaaa aaaaaa 266

<210> 311  
 <211> 179  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(179)  
 <223> n = A,T,C or G

<400> 311  
gtgggttggtg acactcaaga agcctaccag agagngcctg ggtatgaacc ttgatgggtat 60  
caaagagcct gggtcnggtg gtananagcg gctgnencaa gngaggtcgn agcatctcca 120  
agnnactatt ggaggncaact gtaccacact ggctttgaac aaacggctgc cgggggaag 179

<210> 312  
<211> 129  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(129)  
<223> n = A,T,C or G

<400> 312  
ttaacctgat gatggangag atgatcttna ccttgctgac acacaccngt ancttnantg 60  
acctgnagga ctgtgaccaa ntccacgtgn atgatgtctc atccngatga caatgggtcag 120  
gatttaagc 129

<210> 313  
<211> 263  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(263)  
<223> n = A,T,C or G

<400> 313  
tctctatctc cgccgtgggtg atgtcctatc tgcagaatcc tcagcccattg acggcctccc 60  
tgggtgatgcc acctaggagg gttggatcct ggactcaggc ccaccttctc tctggcctag 120  
cctttggctg cctccgccct ccctcagctg ctgtcctaata ctttcctgag tgtgggtctc 180  
gggctcccan ctgaatggaa ggaagntggc cctttctttg gggccctgct tctgctttga 240  
caaagagata aacctgcaga ctt 263

<210> 314  
<211> 436  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(436)  
<223> n = A,T,C or G

<400> 314  
catgtgatga gccagaagct atcnncatga ggaagatagg cctatcatca tggaaggagc 60  
caaccagcca gagacggaga gcagaagcca gtaggggctg agcatgaaga ttcagttcct 120  
ggacactaag actgttggtta tatccagctc agacctgcga gccacaggcc tggcctccag 180  
tattatgatg gagtacttgg gccttacctg gnccagccct tggttctggg ttctgcagac 240  
tgctgtttga cctctggctt tgagacatgc ccaaagaagg gctggctgtt cttcatggcg 300  
tgctaagcca gtgcctcaga actcaggagg ccagcctggg gtccanaaga tgaccacctt 360  
accttaggac agccacttgg actcagcttg tggagggggg tcttgctggg ctggagtnct 420  
gtgcctgggg ggggtct 436

<210> 315  
<211> 196  
<212> DNA  
<213> Mus musculus

<220>

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<221> misc_feature
<222> (1)...(196)
<223> n = A,T,C or G

<400> 315
aagacaagag gagagatgga gaagtgccat gactcagggg agaaggatgg gacgtaggag      60
cttcaggagg gaaagccaac cagccatgtg agaattcgga tagctcctgc aagggcacac      120
tgtgcagtgc atctggctga gaaccaaagc gatgtanccc aaattaccag tacaagcttc      180
tgagatcctg gaaaaa                                196

<210> 316
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 316
ctgtgaaagt gatgacnatg acagaacgtg ncacgcnagc tctagtgact ggactccgcg      60
gccgcggata ggtccatata cttttgttca gcaacatctc atgattggca ccgatacctcg      120
aacaattctt aaagatttat taccagaaac aattcctcca cctgagctgg atgatatgac      180
gctgggggag attgttatta atatcctttc agaaccacca aagcggaaaa aaaaaaa      237

<210> 317
<211> 142
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(142)
<223> n = A,T,C or G

<400> 317
atacatgaga aaacanggae gagaaaagag atgcactaac ctttgaatat accaacatat      60
tggcagagat caaaggaagt taacagtgtg tacccaaaga accatgccgt tttaatgaac      120
aanactgcct atgaataaaa aa                                142

<210> 318
<211> 104
<212> DNA
<213> Mus musculus

<400> 318
tgaggctttg tcaccctctg cagacctcat ccgccagcga gagatgaaat ggggtggaaat      60
gaattattca attaaaaagt ttacttttaga ccacaaaaaa aaaa      104

<210> 319
<211> 125
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 319
agttgtgggc acgtgcctct tccagtttga cagcaagtgt cttttacctt ctcagccacc      60
tgagaacca gaagagttgg ttttcaaagc tgagctctga ctaataatna aactagaaac      120

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aacaa

125

<210> 320  
<211> 231  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(231)  
<223> n = A,T,C or G

<400> 320  
gtactctgag ccctgatcan naaagagctt tctgaaagac ctatagngca tggctgcnng 60  
gtgtncacag ggtttccctg tgtattctat nccttgana ntggagantg acnctcactg 120  
cctgtggacg gatcatgtnc tngggcnct ctgaggacta nnagnanccn tcactttgct 180  
ngnctgccac nggaattcag ngttgtggca natggagatc ccttggggcc c 231

<210> 321  
<211> 266  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(266)  
<223> n = A,T,C or G

<400> 321  
gactgagttc cggactccgg gggtctgatg ggctgctctg aactccgtnt gaccaggctc 60  
acacatcana gatatgcagg canaaggatg tatagangga ggaggaggag gaagaggagg 120  
aaatgnntng tctgnaccnc ttnatctcan tatectatct cngccnttcc tatttntnct 180  
acntagtant ncttctnt cgcctgtgg tncgtgcgtc ttcattcttg ctttccctgng 240  
ctgntatggt gctcactctg agaaca 266

<210> 322  
<211> 122  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(122)  
<223> n = A,T,C or G

<400> 322  
cttctcaagc tctagatgac tcatctancn ngacacatgc nggcctcatt cgggtaagaa 60  
gccatttnaa tgtcgatcnn gtgcanttat gtggcctcta atnancgtga ggtgaccacag 120  
ac 122

<210> 323  
<211> 238  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(238)  
<223> n = A,T,C or G

<400> 323  
tcgcaggatga agccttctgg aacgcgtaca cagcaggncg tgagggcngt gcatncangn 60  
taccacactc tncggncntn angncctcat agggctcaga caaggctcct gcananaaca 120

caggccangc cncctgnat ctggctgccc tttcactngt tgnatgcgga agccggctgc 180  
cncantcctt ctcccacagt acagnagnac tcnengccac agtcacggtt tcgggcgc 238

<210> 324  
<211> 110  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(110)  
<223> n = A,T,C or G

<400> 324  
gtcaatgcgt gttcctgaac aagaagatgt ccactgtccc ncaggaaagc caggatgggc 60  
aagaggaaga agtcactggt gaagatggtg gacagagaga gtcagacgat 110

<210> 325  
<211> 181  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(181)  
<223> n = A,T,C or G

<400> 325  
ccgagggtgt tcgtgttgat ttacagttat ggagatttga ctgaccatat ngagaccna 60  
aaatgggaaa atattgttta gaatgaacat ggaactgttc atggaacaaa aatgaaagat 120  
gtcaataccc gngaaaagga taaacatgta gtaaagngag gatatcatga aaaaaataaa 180  
a 181

<210> 326  
<211> 174  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(174)  
<223> n = A,T,C or G

<400> 326  
tgctctatag aacctttcta aacagggtcca ctacccctt ctgcatccct tcttgtatcc 60  
tttctctcct actacctctg gtgagtagta gggctaaaag gaaagttaaa gcttttaaga 120  
accatcaggg gngngctttc atgaggaaaa tacctaatat taaaacagaa aaaa 174

<210> 327  
<211> 179  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(179)  
<223> n = A,T,C or G

<400> 327  
acctggcctc atacaaaccc tgnagatggg ttnttnaccc gagangtttg tngatttcan 60  
ccaatgatgn tcatggggaa atgaacatan acagacctna tnttctaaca gaagcccagt 120  
gnancacacc cttgatagn tncatgaacat gactgcagat ggttctgata aaaaaaaaaa 179

<210> 328  
 <211> 343  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(343)  
 <223> n = A,T,C or G

<400> 328  
 gactgagagc cgcacgcggc gtcttggtga agagtcggtc acggtcacat ctgggagcag 60  
 cactgtcgtt cctgtctcgn atgtgctcct gtgtcacatg tcacctgtca tcttcagaac 120  
 ctggaagtta tgacttcgag aagccaaggc ctgctcagnc cacatggan ccctaaagan 180  
 agcganaaaa ctgactgcac tgnacngngn ngggcttgcc cgaggatgcn ctagctttca 240  
 ttcgncgctg anaccgcgn agttgnatta gcttctngca aagctcaaga actgtacacc 300  
 accaccctag ngcatgcang aggccttgcc tatatgcaga ata 343

<210> 329  
 <211> 107  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(107)  
 <223> n = A,T,C or G

<400> 329  
 agaattcttct cagggtccnt ctggactntt cggccnaagg atggactatg gnnnaagatg 60  
 ccggaccctg atttcacagn cctgagacgt naaactcctg gtgggga 107

<210> 330  
 <211> 255  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(255)  
 <223> n = A,T,C or G

<400> 330  
 agaagtcctt tttacccaat actttangtc tgtctaccaa atcatcacag gtaagaatgt 60  
 gtcataatga aagccactat tttgcataca taaagaagaa nccacaaggc agaactgnag 120  
 nnangactct gtggctnaag gggcttgccc ctgagcctat gatctgagtt tagtccctgg 180  
 gacttgaaca gtggnaaaga attgnttcta tcaagttgtc ctttgacctc tacacgtgca 240  
 cagtggcaca tgcac 255

<210> 331  
 <211> 459  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(459)  
 <223> n = A,T,C or G

<400> 331  
 ctccacacag agactgaang ccaggctgcg gtggatggac cangatgctg nggnttgacc 60  
 anaactgctgc ggatggacca ngctgctgcg nntggaccag gctgctgcgg ttggaccagg 120  
 ctgctgcggg tggaccaggc tgctgcgggt ggaccaggct gctgcgggtg ggccctcgtg 180



cagttgctgc	ggatggatct	gatgcctggt	aagcatcact	tctccagtgt	gagcccgcca	240
cctccatttc	cgtcacgtgt	gcccatcttt	ttcagtctaa	tgaactccaa	ccatcagcgc	300
aacttaagtt	cggtgtctctg	ttcgtgcatg	cttaatatata	aaaatgtact	aacagtgtgg	360
ctgagaaatc	aaattatgca	cataaatatg	ctggcatagc	anaggcggcg	gcagaagctg	420
aacttagcag	agctgacgcc	agttcacatt	tgcaaatcg			459

<210> 332  
 <211> 106  
 <212> DNA  
 <213> Mus musculus

<400> 332						
gaagtaccgt	gtagctgaag	atgaccttga	acttctaatac	ctggctctgc	tccccatttc	60
tgggattata	ggcttggggc	actacattcc	atttgtgagt	tgggga		106

<210> 333  
 <211> 213  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(213)  
 <223> n = A,T,C or G

<400> 333						
aaagcgtcgt	ctaaaagaac	caaataaaca	aatagaaaag	atgccaggtt	agcctcagtg	60
gttaagccac	ctaacttcac	aatacccagt	atccacatgg	ttaaaagaga	agattgacat	120
ctgagagctg	tcctctggcc	tccatgggtga	tcagtgagng	gcacgtgagc	catctnccct	180
ctactngcnt	gtgagngtct	gcccttacac	taa			213

<210> 334  
 <211> 464  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(464)  
 <223> n = A,T,C or G

<400> 334						
ggccatcccc	ctcaactata	aaaatatatg	aatcggaatt	gcattttccc	tggaacaaaac	60
cctgagcaga	aaccagaatg	ctacacttca	tccagaaagt	ttctggagca	tcttcaaaga	120
tgctgaagaa	ccctttttaca	gngagacttg	gagctggcag	aatagacata	ctttctctca	180
agacatgtct	actgnagaac	ttttcctctt	tgccctccaag	aacttggtt	tccccatcat	240
ttcaagtgtg	tatgaggaag	atacaatgct	atcatgtgtc	accatgcaac	tttaaaaagc	300
anaaggcagt	ccttcctcca	aagaaacnga	agcaccatca	cttacctact	cgatagccca	360
aagccagctt	tatatataac	tctggcgggg	ttaatccccct	ttactgctcc	cccactttctc	420
atggttaataa	caaagtctta	tatccccgtc	ctagcttttca	ctca		464

<210> 335  
 <211> 193  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(193)  
 <223> n = A,T,C or G

<400> 335						
aaggcatctg	atacacanat	gctctcggtg	tggcggttatc	atcctcggca	ggaanagggc	60

nctccatgcc	ntgctcctnc	cactgattat	agatctctgc	gatggaatcc	tgaggaatct	120
tcacaaacac	ttcttttgca	ncttcatggt	tctttaatgc	tatgaaaaaa	attcantata	180
tataaacttc	tgg					193

<210> 336  
 <211> 408  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(408)  
 <223> n = A,T,C or G

<400> 336						
catggatggg	tagctgagat	aaaggaaaga	caaaggctgg	ggctgnngng	cttgttgccct	60
gacgccctgn	gagctgaact	ctgggaactgc	tggttgccctat	cccaggaagt	gctgcttatt	120
tgagggtgnc	tggtggaaat	gggtaatctc	cgaggatgtc	tgcagcctgc	ttgtttgtgag	180
ctgtgactgg	ggaaccccaa	ggcagaggca	ggggtcaggc	agctgagaag	cagcagaaga	240
acacacttag	attcaccttc	tgttctttaca	atagttcaaaa	tatagaatcg	aagtgaatc	300
tcattggatt	atgcctctct	aatgaaaagc	gagctgtttg	actatacgga	aaatgtgctg	360
acattaattg	cttctgttta	ttaaagggtga	tttgcaaat	aaaaaaaa		408

<210> 337  
 <211> 485  
 <212> DNA  
 <213> Mus musculus

<400> 337						
gagtccttgg	ctccatgccc	caaacgcac	ctggacgggt	aacctcagag	ctgtgaagtg	60
gatggacatg	gaagcgaagc	atggaggctg	ccatgggtcac	tacgtccatg	gcattttgtat	120
ctatggaaac	ggagacttgc	agtggctgat	taattcgcaa	agcctgtttg	ctaacaaatt	180
tgaactcaac	acataccctc	ttaccgtgga	atgcctggaa	ctgaggcttc	gagaaagaac	240
actcaaccag	agtgaatcg	ccatacagcc	gagctgggtat	ttctgacctg	cagcagctcc	300
ggcctaaatg	gaaattgaag	acgtaaagaa	gagctttctt	ttccaagaga	ctctgggtctt	360
ggctatgctg	aagacttttt	taaaaaatgg	ttttcaggga	accgtgagga	tctggcaaca	420
tggctctgct	tgcaatatcc	actgagcact	gtaatacatt	tgacaggatg	gctgaaaaaa	480
aaaaa						485

<210> 338  
 <211> 338  
 <212> DNA  
 <213> Mus musculus

<400> 338						
gaagagctca	gcacacagac	tcaaaagtac	aaggatgaaa	tgtcacagct	caactgcagg	60
gtccttcagc	tggaaggaga	gccttctggt	ctccatacac	agaaggaaga	gaaccacggg	120
gctatccagg	tggttaatgaa	gaagctggag	gaggcagggt	gccgggagga	gcagcagggt	180
gatcaaattc	aaaacctgaa	aattgaactt	gaacgtgtga	atgaggaatg	ccagtactta	240
agactgtcac	aggcagagct	gacagaaagc	cttgaagaaa	gtcgaagcca	gctctacagt	300
gtccagctga	ggctggaggc	agcacagtcc	cagcatgg			338

<210> 339  
 <211> 370  
 <212> DNA  
 <213> Mus musculus

<400> 339						
tgagatcctt	ctccggggat	ttcgggtttg	gacgaaagcc	acagtgactg	ggcagtttca	60
gggatgagca	aagtcagcct	cgagcctggt	ccatcaaggc	accaagcccg	gcgacaccaa	120
cgctcaggag	gttttttagtg	ttcatggctg	ccttgtggat	ttgttctttt	acagtcattt	180
ctttattgag	aaagggcaca	caccaagggt	agaggccact	tgccagagct	gttcttctcc	240
tgccctgtag	gttccaggga	ttgaactcgg	gcgagcaggc	aagtgggatt	tacctctcca	300



<211> 210  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(210)  
 <223> n = A,T,C or G

<400> 344	
gcagttttgt tctttcaaaa taagaaccaa gacccagggc ttctgcagaa angaatacag	60
tctgactggt ctgtgcaatc ggtcgtcctg tcccctggca aatagtcagt atgctaccat	120
taaagaagag aaaggtacgg gagctacacg acaatttata aacggatgtc cccagcctct	180
gtaaataata ataataaagc tgtctaactt	210

<210> 345  
 <211> 143  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(143)  
 <223> n = A,T,C or G

<400> 345	
ggccaatcca cgtcttctca actcctcctc tgctctcaca tcacatccaa tccaactggc	60
aangngntn ctgctaccan ngcagaacag ncccatccca tcacccacc cactactaaa	120
gaaagnactt acagaaatac caa	143

<210> 346  
 <211> 270  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(270)  
 <223> n = A,T,C or G

<400> 346	
gagaagcctg actcctagta gannctgagn cttctgcact atnntccaat ngtnacaaa	60
nntgntctnt ttngngaaca naaagaaatc cgatccctct gngnagnna ttgggaanga	120
atncgattcc taaatgagan gctcgagggt gaggcacctg tttctgaact ctgcggttga	180
gchanganga cgaggaagt ccagcatggc ctcggggat gttggctaag ggacagagcc	240
caaagantnc ttcacagaga ccacatat	270

<210> 347  
 <211> 467  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(467)  
 <223> n = A,T,C or G

<400> 347	
tgagggtctc tcccanacct gaggaggagc anaaccccn tgggnagttt tgttgcttgc	60
tgatccactt ncggtctngg atgctgtgga caggctctgat gaagacaggc cccgtgtggg	120
ccgggaagac tcagagggtta gataggcgan aagcacgagc gattacctga aaaatgctgt	180
gtgcatcatt atcgccana nagtgctttg gcgtggngc ggatccatt gtgagtgtg	240
tcttctccgc tgatgcagtt ctcatggtct ttgtncactg ggacaccaa naaggcacc	300

tgacacagtct	ttcctggcag	caaattgtan	atctgtgcat	tgagganaaa	caaagggctg	360
gacctggagg	caagatgcag	aggctaacca	taaaacccgn	gaggcattct	tcgaagcctg	420
tacatgagga	cncttctctg	gaaacacaaa	ggcatttttaa	aagacat		467

<210> 348  
 <211> 344  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(344)  
 <223> n = A,T,C or G

<400> 348						
gcacgtttttg	tgccctnccc	gcctncaaat	tgccctcagtt	acaaatcatt	agggcaggct	60
tggtgagcaa	gactggcaag	cacatttttaa	ggctcccgtgc	tgtgggggtg	atccatctca	120
acttgagtca	taagaggcag	aagnggatgt	gagagaaaga	gacacacact	agagacagan	180
agccaaaagag	ggcagagaga	cttgacttta	agagactcct	gnactgacaa	ctccatgcag	240
ttnggaacca	gaacaactgc	ggctgaacca	nggttcattg	ggacatggca	aaacgctgac	300
actaacctct	tattcagaat	gtcccaacag	gccattcgc	gtac		344

<210> 349  
 <211> 158  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(158)  
 <223> n = A,T,C or G

<400> 349						
agaaccacca	attgcncgct	cttaaataat	agcnaacagn	gggntgttat	aaggtgcttt	60
ataatatcaa	atagagcctn	gagcaacaca	natcacaggg	ngctagggag	ggnagagccc	120
cactgctgna	catgcaaaac	acagatgtga	acccagaa			158

<210> 350  
 <211> 370  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(370)  
 <223> n = A,T,C or G

<400> 350						
agaagtcttc	atcagaaatc	atggcactga	caggctgnng	ttcangttca	ggtgaagaga	60
atctcacagg	cagatggcag	ctactganga	gcgagttctg	tgataaccgc	agaagggcat	120
tcgccaacta	gaaagaacaa	acagggcagt	gtgagtgcc	cgacanagat	gagagccttg	180
gagggcagag	catcagagat	ggagacccat	cccacagggg	gcctctgtgt	ctgtgagcag	240
gatgccttgg	aaaggccaac	ttcccagcga	cacagacgca	aaggcaattc	cagcgaagaa	300
ttgctccctg	tttttaccct	aaaagtgatc	tgtcagctgc	cancctcatt	actttttcta	360
tttcctttca						370

<210> 351  
 <211> 145  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 351

tggtcgccctg	ctgccgggctc	acgatcance	ancactagaa	nacccactcg	ctagcggagc	60
accgcccagac	tcaacgcacgc	ggacacgttc	tctatggagg	acccgggtgcg	gaaggtcgcg	120
ggcggcgggac	ggccggcgggg	gaccg				145

<210> 352

<211> 329

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(329)

<223> n = A,T,C or G

<400> 352

tagcatcaga	atgttcctga	agaagaaagn	atttnccttg	nagnacacat	ggagcggatt	60
tacaagagag	gntnnctgct	tcgccattnt	aggtnanatt	ngcgactgcg	agatccngga	120
taaganatcn	cggaggncn	ctnctttaat	ctgatgagan	acctgnggca	caggaagctn	180
attgtgggcn	tggtaatattg	gggggagcnt	ttnagtacaa	acccaanccc	tttttaccct	240
tttnaaanag	tncctgggaa	caaacggggt	ccatnttttt	taaccccaaa	tttttaaact	300
tttgnttggg	acccaaaccc	ttaaaaaaa				329

<210> 353

<211> 129

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(129)

<223> n = A,T,C or G

<400> 353

cgtctactcc	atgcanganc	cactgcatan	aaggactgtc	ccaanctcag	aggaactctt	60
ccaagaaacc	tgtatngact	acttgaggcc	ttgaactgcc	tanagngtgg	gnctgccttt	120
gcttcctag						129

<210> 354

<211> 393

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 354

gctgtgcata	ccccgagtgg	ggctcctgtc	aggagaaaag	gccatcgctc	aagaagcngg	60
ctcagcggca	gctgtcccat	gaggagcctg	aagggtgtcc	tgcagcagaa	ggaggagagg	120
acacggggagc	tcgagcccca	ggtgactctc	tgcagagcta	tggaggccag	gagccgcagc	180
cgtctgaggtg	ggtgtccaca	ggttaggggtg	ccaagaaggc	atgtcccggc	ttctctgggc	240
cttgggtatcc	ccacctggaa	gctggaaata	ggaaatgtga	gggagaaatt	aacatgtcaa	300
atgctcaata	caacgcgctc	ggggccctac	agatgggtgt	ggtggcttat	gcctatcatt	360
ttggctttca	agttcaaggt	caacttgggc	aat			393

<210> 355

<211> 194

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(194)

<223> n = A,T,C or G

<400> 355

gcatccccac	tcgtgttttt	aagtgtatnt	ttataagata	catgtattta	caattganct	60
tttgttacat	aatgctgaaa	tgctactgga	gatngtgaaa	aatgtttcaa	ttttatctgg	120
tccttatacc	aaactaacat	ggtnatttat	tatcacctta	gtgatacagg	anataatgag	180
ctaaaaaaaa	ataa					194

<210> 356

<211> 242

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(242)

<223> n = A,T,C or G

<400> 356

tggatgaaga	aattgaaaag	cgacccaaag	aaaaatttac	cagtaaatat	tgctggtaac	60
aatcgnttag	acttnnncnac	acagnnnctc	anggnnnngac	ttttgngctg	antttincaag	120
canttcttgg	accnacgcc	tgtatcaana	ggngnggntg	tgaggataaa	cctcatcggc	180
gatgtcggtg	ccttctatgc	tgcgaaacta	cttcagggtat	tacgttgctg	ccagcaagtg	240
tt						242

<210> 357

<211> 236

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(236)

<223> n = A,T,C or G

<400> 357

aggacacgcc	taaattgttg	gaagttgtat	gttcacaaag	gggattcggg	gactgtgtac	60
acgagtgggt	gtaaccccat	cctatttgaa	ctggagaaaa	atttgtatcc	aacagggtatg	120
gtaaccagat	gaaatgccca	gactgcagcc	ctggtgaaac	acgttattct	ctgttgatta	180
aggtgtgata	tttgtttttg	ttttcccca	taaacntacc	ttttcaaata	aaataa	236

<210> 358

<211> 143

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(143)

<223> n = A,T,C or G

<400> 358

actctgacca	gactctgang	gcatacacca	gtagaggatg	tngaaccaa	gaagagcacn	60
tacgttcagc	atctagttca	gaagatgata	agaagaagaa	aaggaaatct	agtcattcaa	120
aagacagagc	caagaaaaaa	aaa				143

<210> 359

<211> 129

<212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(129)  
 <223> n = A,T,C or G  
  
 <400> 359  
 aaggaaagcc acagcattca ttacgacatg acanntgacn ctatgancaa gtgagcatgt 60  
 atcngaaaag gagtctngac gaaagaggan tgaatttgac attaataaag cnatttattt 120  
 ttaacaaaa 129  
  
 <210> 360  
 <211> 256  
 <212> DNA  
 <213> Mus musculus  
  
 <400> 360  
 tggctgttct ggaacgttgc tttgtgaacc aggctggcct cgaactcacc gagattaaag 60  
 gtgtatgaca cctctgccta gctccattct ctactgttct ctacaatgcc cgctaagtca 120  
 atgccacgga gaacaaaaagc tcgctcctcg ctcaccagat gccgggtgga aactacattt 180  
 accacaagac tgtgaggctc tctagactct gagccaatca caaccagat gaaaagcttt 240  
 ttctcaaaaa aaaaaa 256  
  
 <210> 361  
 <211> 143  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(143)  
 <223> n = A,T,C or G  
  
 <400> 361  
 ttcttgagtg ttttaagtgg atcgagctgc cgctgctaac ctgtgaactg aactgccaat 60  
 ttccagacaa cacaaacagg agttgctcca aagaaccttt ctaaacaggt ncncttgccn 120  
 cgctgaatat cgtttctttt gca 143  
  
 <210> 362  
 <211> 110  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(110)  
 <223> n = A,T,C or G  
  
 <400> 362  
 atagtgtgga agatctcagg gaaagngang gaacctgcaa gtgnggnata anagacctga 60  
 ctctgannng ttgtcttctg accacatata cacaatattg taaataaatg 110  
  
 <210> 363  
 <211> 566  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(566)  
 <223> n = A,T,C or G



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<400> 363
gactgaggtg gggctcttct gattgatncc ngaanggaga cngacggang tgaggctcnc      60
acatgagngg aagctgncat tcccngaggg tgctttcttt agtgagaggn agacagaaaa      120
tccttttccct tctatggaaac agnagagccn gaagggggcag gttcatcact caagccagga      180
aaacatctcc gnttcactga ccggcgccag gcctcacagn ttgggagaag cgacctacgg      240
nnnggaaata gcattgctct gcatgcttat ggggaactgtt agaaaggacn agaagngcag      300
aaccctgctg gagcccgatc cagccagctg ctgaattctc catccgcaag nctccatcct      360
cactcctctg aactggcgct gccagaggca ccttggggaat nccagcaggt tcctgttgca      420
aatggccctc accaccaact cattgnctct gcatgcacgg ntcctcccag gggctggcgt      480
taaactctgga ctcaacttaag gggntagann nggngnccta atccctttat tttgggnaag      540
gggccaagnt actaaacacc cttgac                                     566

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<210> 364
<211> 450
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

```

```

<400> 364
actgagggct tgagtcacan ggcctnttct tggggaccct ggnncgctat cattggnaac      60
nganaggnga ctntctnctag ctnatganag gagcanaacc ctcggnctc tgctggagtc      120
ncactgnggc atntagetca gttttctgtt ncattntctc cettantact gaanattcct      180
tctgcattca tggcaggggc accagccatc atagacactt gcctnggtat ccggnnttgc      240
tgnaggngcg aagngcttna gngacacatg tggctgttgc cnttctttct gcaccccanc      300
tcccaactgt tcccaccttc aaccctcttt cccattccaa cgetgctctg tcctatagct      360
tcacaaaaca nggagcgtgt ggggctgang tcaggactgt accttgggca ctattcetta      420
tacaaaatat taaatatatt ttttcctcag                                     450

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<210> 365
<211> 119
<212> DNA
<213> Mus musculus

```

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<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

```

```

<400> 365
ggagaatctt gaaactctcc catacataac acttcaagcc aaactggcag cactgaccca      60
atctctaaat taagcgcang ngaaatgaaa tcattaaaaa aatatatatt tcctgaaag      119

```

```

<210> 366
<211> 183
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(183)
<223> n = A,T,C or G

```

```

<400> 366
ctatgatgac ctgccangat tctcatatga gcatggggtc ancacctgca gatgacctgg      60
tccgagangg tgggaccgat agggaaacctg ttaaatcctt acactccgaa gatananctg      120
tannaaattt aanagnttng gctnngnntn nttntggaca gcttgccaga agtgggggtg      180
gtg                                     183

```

```

<210> 367

```

```

<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 367
aaggaacatc aacagcagcc ctaccgagaa cgcanacaaa cttctcggct tngngtgtct      60
cctcagttgt tcagagcttg agttttgctc gaggatgatg agacaaggcn ctaagagggn      120
aaggaggagt gngctaaggt tcctgccact tntccgnc ttnagtccac angaagcatt      180
gtaagaaggg ctgaanaaca agctgtgctt ggnccgaat actggngact tgaggattcc      240
atctgtttca ccaggcgtgt agggaggccg ttttagcaac atagcttcct tagcagtact      300
taaagacttt tctctgcatt ggtcatgtgc caagttacat tttgaacatt ggggcaggng      360
aaggaaggac agctttggca cctgg                                     385

<210> 368
<211> 160
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 368
tgctcttctt tggcaatcac agcatgttta tttatgaact ggcttgcttg gaacctgatt      60
ctgacatctg nggttttttg ctgaagaggt taattttttc ctttttgn tn ggnttgcgaa      120
cctgggtttt ggggagggga gcacaaagga ataaaaaacac                               160

<210> 369
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 369
atcatctatc gaatgcggac tcaccaggt ctcaacggng ctgcctgaga gagacccttg      60
aaggcgggat ggcgtgtgat aagggcagag gtcttgcccc tctcctgatt tcagaaagac      120
agcggggaga ctcagaaaaa aaaaa                               145

<210> 370
<211> 205
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 370
cacgcgtgac atcactctgt caatcacccc aagtccactc aagggacaag aaactgtggc      60
acaccaccag aagttttttt gtttttgttt tttgctgnat ttctttctat tgagtcgccga      120
taaatacagc tcaactacac aatataagac agaccaatac atggtgtgtc cttataaaaa      180
aaaatctttc accacaaaaa aaaaa                               205

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<210> 371  
 <211> 375  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(375)  
 <223> n = A,T,C or G

<400> 371							
gtcctcctga	acgttctggg	acactccact	ccatcacggc	taaatagtcg	cagggcgtgg		60
ccatatgagc	anatcacagn	taacgtaacc	agtacctgtt	gtgaggaggc	ntggattgga		120
taaactgcag	gnngtagaag	atccaatccc	actctcccaa	aatactgaac	aaatttgntt		180
atttctgggg	tgggagtgan	acaggggtctc	tccccgtact	cctggaactt	aggaacttat		240
tatgtagact	aggctagcct	caaactcaca	ggagtgcctg	gatgtgccac	catgcacagc		300
cccaaattcc	tttacacgaa	tcttgagcgt	tttataaata	caaagcggag	atgctgcctg		360
ccaccaaata	aaaaa						375

<210> 372  
 <211> 360  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(360)  
 <223> n = A,T,C or G

<400> 372							
ccgtgccaac	aaggatgcct	tggctgaatc	acaagaacga	gtgcccctgc	catcaagaaa		60
tatgggaaaag	ngcccaaccg	agaacatcag	gctggccgcc	cgcacatcat	ggcgggtgga		120
gagagagggc	actgggctca	cagagggctg	nctgggtgtcc	cgtggatgac	ttacagaacc		180
ancgtggagc	actttgggga	ggaggagcag	aaggaactcc	gagtagaccg	nggacaccgt		240
tcttgacagta	ctggccacca	cagagccngc	agttcagcat	gcagtatatc	tcacacatct		300
ttggngngat	caactgcaac	ggttttactt	ctnanntgac	cagagagggc	tacaggcagt		360

<210> 373  
 <211> 362  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(362)  
 <223> n = A,T,C or G

<400> 373							
actgagattg	acgggctaga	ggaaaagctg	tcccgggtgc	ggaaggacct	ggaggccgtg		60
acctcccagc	tttacagggc	agagctcagt	cctgaggaca	ggaggtctct	ggagaaggag		120
aaacacaccc	tcatgaacaa	agcctccaag	tatgagaaaag	agctaaaagct	gcttcgacat		180
gagaaccgga	agaacacgct	cctctcgggtg	gccatcttca	ctgtcttcgc	cctgctctat		240
gcttactgga	ctatgtgagt	cagccatctc	cagccactan	aangacgtgg	taagtgcctc		300
cttctgctta	gtaagagggg	caataaagag	ccccangctc	tgctgtctgg	caaaaaaaaaa		360
aa							362

<210> 374  
 <211> 390  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature

<222> (1)...(390)  
<223> n = A,T,C or G

<400> 374  
gctcattcaa tcaggtgagn tactgnanaa tatctccagg ncaaagntnt tttcnacaat 60  
cccccttngga aggtgtttcc tattagcaga tgactatgga tcnctggcag cctctggatg 120  
cttcctcggg angtctcatg gcgggggcat attgattgtc tttcaattaa ttgcatntgg 180  
tatttttcat ttatcaaaaag caaaatacnt gtnattaact ctgaagcaat acagtccagt 240  
ggcaagagat ccctgctgct tgctgctgct gctgctgctn ctctggagat aagtcagcgg 300  
gaaattattc ttacaaggaa actctaggat ggtaggactt ttggaccgta ttaattaaag 360  
agaataaaaa ngaattaggg gaaaaaaaaa 390

<210> 375  
<211> 119  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(119)  
<223> n = A,T,C or G

<400> 375  
cctgacagct cacccgaaan atccanactg accaanggaa tactaangtc cctcgtcttg 60  
gtgatntnca gggcgtcaat aataaagaga gagcagcagt tgggggaaaa agaaaacaa 119

<210> 376  
<211> 284  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(284)  
<223> n = A,T,C or G

<400> 376  
acctttcttc tttttnaata cactcacagt atcanaacac cacggtttca tttactaagc 60  
tctangagac cattntgnct gtggaggcaa ggggcatttg gncctgacct angtgaacag 120  
ttgccttaaa ggggaaaaga ttnccagcag ganggctcag ngtttaaggg gcacttgca 180  
ctcttgcaaa agnccctgggt ttggtcccca gcgcccat agcagtcaca actattccta 240  
actccggngc cagagtctct gaaccctcct ctggcctcca cagg 284

<210> 377  
<211> 255  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(255)  
<223> n = A,T,C or G

<400> 377  
cgtttttcc t aaatattgan actggcttgn atcaagacac acagnatatt gttcacaagc 60  
atgtaactat ccaaaagaag tcttataaat attatgagca tggcaaaatc atccaggaat 120  
acacccaaag tgtactttac caagataact tcagggatag acatgttgag tcatcaaacg 180  
taaacagaca tgaaactgga aacaccagag aaccttgcaa atataaaaat tgtgtaaact 240  
gtttaaaaaa aaaaa 255

<210> 378  
<211> 110  
<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(110)

<223> n = A,T,C or G

<400> 378

aaatctggaa cctgggtgtcc tggccatgtg ctgaatgcac gcacagcaca gctctggnat	60
ctgttttaaa ttatccatta aaataagtac agtcctggaa aaaaataaaa	110

<210> 379

<211> 210

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(210)

<223> n = A,T,C or G

<400> 379

ctgcgtctgg gatctgcctc aacgccttgn gagtcacccat cnacannatc ggagaatggn	60
ccctccgctt cttcggctgt ntggtcactt nnatctttca gnggnattnc ntangctaata	120
caaattggacn ggaccancat tttacttgga cggacacccat agnacctacc tcttctnctg	180
nggtctatct aggggggttg ggtgggggga	210

<210> 380

<211> 112

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(112)

<223> n = A,T,C or G

<400> 380

acggggccatg atgaaatcat ccccgangag catccangaa ggngaagctg agngagcgng	60
gggaggtgtc cacccttcaca gaggaagnta tanatcgaac cttgtcaagg ta	112

<210> 381

<211> 108

<212> DNA

<213> Mus musculus

<400> 381

ccctctgctc tcagccctct gggattttgc ttgtttgctg tttttgttta gttcagatct	60
attttgtttg tggtttgga actttcagac cgaacagaga aaaaaaaa	108

<210> 382

<211> 181

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(181)

<223> n = A,T,C or G

<400> 382

catgcataac gggcatccag atgangaatc cgtgaacntt tngactggag ttgatcncta	60
acccaatgga ctttncctgt gctgaccaan cctttcatca caagcattat atancggttg	120



<223> n = A,T,C or G

<400> 386

aggctggcac	ggctccgacg	tctgtgtgga	agctttctccc	tcccttctga	gcttctctag	60
actccttaca	gcgcacaggc	acagacacat	cacactgcaa	tccagggtat	gtctacatnc	120
gagctgcnc	gnatanactg	gangggcttt	gganggggatc	cnttgncaga	gcacncatgg	180
tgctggatta	aaatccanct	acaggtaaaa	aaaaaaa			217

<210> 387

<211> 284

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(284)

<223> n = A,T,C or G

<400> 387

acgcatggac	acgggnnggt	ctactacatc	accacacggg	cccagggttg	actccataca	60
ggacctagt	cnggcacata	catggaagt	aatgatggtc	tgtgctacnt	gcttacggcc	120
ccttgtagga	ccactaaacc	cccagacaca	tagantntgg	ncaaggatgn	cgggggagat	180
nagacctgga	acttcttngc	acttngaact	gcaagcttgg	gcaccntntg	cttanggaga	240
tntanaactg	ggcacttngg	nactgcagca	caaaagagt	ggaa		284

<210> 388

<211> 774

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 388

ccccgcctgt	gtatcaccac	cancgtanca	catgcacgtg	tgcgacagge	cttacnttat	60
ggctcntccg	acccactcc	cgggattgat	gtcccnggct	ccggacaanc	tgcaggccng	120
aaaccttcag	gaaactgaaa	ccnccctgc	ngggcagcct	cccggatnac	ttcctccnaa	180
tccttcccca	gcaaattggac	ancnttcagg	gtcaccctcg	gggtccnnc	cctatgagtg	240
gagagggagc	ccacctccgg	cncaggggcc	catggcctgt	tacnnaacaa	gnccctngaa	300
ncngtacctg	gaaaataaga	gaattgccct	cttcntgcan	aatgaggaat	tcangaaaga	360
gctgcagcna	aaccgggact	tcctcctcgc	ccngaaaana	aaccnattga	natgtgaatc	420
ccagaaatcc	aatcccctnt	gcggcggttg	ggaaatgacg	gtgggtttcc	ctcctctgtc	480
ccggaacctn	gantnccctn	naaaagngtn	gnangatncc	ttgtgcngg	acancctnta	540
tncntgggna	attctanctc	angatctntt	tgaantcncn	cancggtngt	aacaaaaccg	600
ttttnggaat	tgaaagaaan	aanttttccc	tgnntanttt	gatggggntt	gctgtnatnt	660
gaagncaggc	tcccggnta	antggnaang	gctagggtta	ctaaaaaaaa	attcgggtggg	720
ttngcnaaan	nggatgntgg	gttttgggtg	cnaaaaggcc	gaaaaaaaaa	gaaa	774

<210> 389

<211> 373

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(373)

<223> n = A,T,C or G

<400> 389

ctatttttgg	aagaccttcg	acctccatnc	tctggtcgca	tttctgtg	cttctggnaa	60
catcgggagt	ccaccagang	aggatggagg	cacggcggtg	gacattcatc	atgggttgga	120

cacccgcaca	cngtgtgcca	tggtggcttc	acaatgggcg	ttncgngtct	gntgtgtgat	180
gcactcttag	agcaagctct	gtggctcaga	gggaangaga	cgggatcact	cagaccctcc	240
cactccatat	ggccagtgan	gcgtccagga	agacgcttcc	tgctagcgtc	atcataaagg	300
ggaacgcaaa	gctctcagtg	ctttgcctg	agccccactg	gatgtggtgt	gtatgcaaaa	360
ggaagcttaa	cct					373

<210> 390  
 <211> 388  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(388)  
 <223> n = A,T,C or G

<400> 390						
ctctacccac	ttgtacataa	tccagcatcc	agcagaggaa	agcagagtgt	tgcgcacagt	60
ccctctgcta	gcagcatgcc	ttccccaga	cagatgcaca	gtcaagattg	gccgccgctt	120
cagtgaagag	cgagatggtg	aacttgcaac	tgtttgccgg	gactntggta	cattaatatt	180
atatccaggg	gctgaagcta	ctaattngga	anaattnata	ttanattctc	cngtttatcc	240
ttccacaatc	atcctcattg	atggtacatg	gagccaggct	aaggacattt	tnataaaaaa	300
ttccttggtc	cgacttccca	aacanataaa	tgccttgctc	agtctcatn	anaanaagct	360
tccttctgca	gcagatggaa	acatttac				388

<210> 391  
 <211> 122  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(122)  
 <223> n = A,T,C or G

<400> 391						
cctgatggac	aacatgctgc	ggatgccacc	ggngatgaga	gcaggtttgc	accgccagct	60
tnngttcggt	acggcctttg	tnnttgctgg	atacttttat	ttaaaacggc	aaaactattd	120
gt						122

<210> 392  
 <211> 184  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(184)  
 <223> n = A,T,C or G

<400> 392						
tcccagaaca	tggtgctgct	tatatacgnc	cnntgatang	cgtgnctcac	accngattg	60
ggtatnctct	acgcctcatt	tgcatgttcc	tcatntggng	ggctactctc	tgtacctcac	120
anagcctcat	tatcatacct	catttgcatg	tctcacatgn	ctattggggc	atacttttac	180
agct						184

<210> 393  
 <211> 476  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature



<222> (1)...(476)  
 <223> n = A,T,C or G

<400> 393  
 gcagccacca ggcattctgac cctgaggaaa aagggaagcc tggcagcatc aagaaggccg 60  
 aggaggagga agaaattgac attgacctga cagcgccaga gacagagaag gccgcccttg 120  
 caatccaggg caagttccgg cgattccaga agaggaaaaa ggattccagc tcctgaatgg 180  
 ccaggcctcc ccttaaccct tctacttctt ctntgccctc cacagctctg actctcacgt 240  
 atctcattcc ttcattccctc tagcctctcc ccaaggcaag cttaaccttt atatattctt 300  
 gtctcaggct ctcttaagcc atcacagtag tagaggcaca aggatgcaa ggtgaagact 360  
 ctagctggta gtcactaggc taagggtgga tcagtccatt taggagaaca aaagggtttg 420  
 agatgggaaa ttctcccctt tgcctaattgc taagggcagg agggggcaag ccctca 476

<210> 394  
 <211> 184  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(184)  
 <223> n = A,T,C or G

<400> 394  
 ccttacagac tcaagactga tgagtaagga cagagtantn ntngcccggg aagaagaccc 60  
 canactaccc tagaacagag atggennacc ttctcctgat cgttcctgng ttgtgccact 120  
 gaggagaga ggggtgangac acacanagcc atcagggtan gcnggagacc ctgaggcccc 180  
 tctg 184

<210> 395  
 <211> 339  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(339)  
 <223> n = A,T,C or G

<400> 395  
 cctcattcct gacttcagtc tcacgtggga ccggcccttg gtgctgacag catggggggac 60  
 tgnactgnag ctggcatgna tanagccanc ctggnttgcc cactggctga aganagcanc 120  
 ggngggcgaa gcagananng agngngtggn ttctctctga caatcttttt gggcccactc 180  
 ccacgatgcc agcctccaga agagggaagc tgtgtgggag acggtgtgta caggccccga 240  
 ctctggcctt tgctctacgg agctggcgac ctctgtgtgc acaggtgaca tctagaggat 300  
 ccggggcggtc ctcgatcagt gntggaaaag aagggtgtc 339

<210> 396  
 <211> 289  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 396  
 ggagggatga ccaggcgtgc aaaagctgac gcgaggatct gaaaccagat gaccggggaa 60  
 agggccngnc accaaaagtg acctcctttt ttaacccttt atgtcaaaat ataattggct 120  
 aatgaagag tctaccctgt taccggncac tttttgttcc catcctataa aaatattgta 180  
 gaaatattgg acagnctccc ttcaggaatt cggatcagag gggggagctg cccacctccc 240  
 tcagcgctaa gaaaataaaa cttccatttt taagcttcaa aaaaaaaaaa 289

<210> 397  
 <211> 264  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(264)  
 <223> n = A,T,C or G  
  
 <400> 397  
 agactgaggt gttcttngtg nccgacctnt tcgagactaa nacgagcctc tcaactgcccg 60  
 cccctgcgat cagggaggga gatcctgtct cccgtggaca tcatcgacag gaacaatcac 120  
 cataacatgg tgtagatgct gcggcctccg gagcgctttc tctgaagcga ctgcacgttc 180  
 ctgctgctct ccgatctcat cagacagtag aatgtaggga aaagcttttg cccgatggat 240  
 tttgaaaaca tttaaaaaaa aaaa 264  
  
 <210> 398  
 <211> 326  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(326)  
 <223> n = A,T,C or G  
  
 <400> 398  
 aatactttta gacctactgg aacctcactg ttataggcta caccttggga aaaccatcat 60  
 attgaaagac attgtcaaag ttcaagaaga aatgaaaggt ctatgaggaa caaaaagtca 120  
 aactgtgaat gcattgtgga nggggggnat cttttactct tctattaata tatgnatcat 180  
 gtgtcacaaat tgataaaagc catgttagca tagggatatt gaaagaagca atgtaccgct 240  
 ttctatccca gaactgtgag aaaattgtca gattctatct ttggtagaca ttctgagtat 300  
 gataaaaagtt tgcaatgaaa aaaaaa 326  
  
 <210> 399  
 <211> 216  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(216)  
 <223> n = A,T,C or G  
  
 <400> 399  
 tgtgttaccc atggagtcan gacacgggcc cgggagcgtt nccaaaccaa ncaggtcccg 60  
 ttgattaaag tcaaagctca cntacaggag gcntgngccg gaggaccaca ggcagggcag 120  
 ggaggtattc tgggacttct tgaatagcta ggantcagtc agaacttgaa tttcgacagt 180  
 tttgaagacc gtctgtgccc ttcaatcaaa aaaaaa 216  
  
 <210> 400  
 <211> 244  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(244)  
 <223> n = A,T,C or G  
  
 <400> 400  
 tggccccgc acatggtgcc agctcttatg actgncncct gacttnatca tatccctnaa 60

gatanncaca	gtagccttga	gcttgtattg	cgcanangcn	ccacanatgt	aagatcanat	120
natgtgacna	tgtattnctg	agccaacgaa	ctgngcctat	gtggactggg	ctgaggggga	180
gtggactgga	ggggataaag	ggggatggcg	gagagaggnc	agcanttctt	tttcctgcac	240
attg						244

<210> 401  
 <211> 124  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(124)  
 <223> n = A,T,C or G

<400> 401						
tgagggcatg	ttgagtcggc	tgcattctagt	ngatccaacg	agtaggagtg	ttggctggta	60
agctgggcat	ccgtgtatct	gagtttctta	gcaataaagt	gaaatgcaat	cttaaaaaaa	120
aaaa						124

<210> 402  
 <211> 113  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(113)  
 <223> n = A,T,C or G

<400> 402						
agtgggaagct	tgtgancatg	aggagctnng	ancatgnaga	gggaagcnan	acnggagggc	60
tttntgcccc	agnngagaga	gacgcgccgg	cagggtgaagg	cctatgagaa	gca	113

<210> 403  
 <211> 104  
 <212> DNA  
 <213> Mus musculus

<400> 403						
atacatgcct	cacatgtgaa	gccagccccc	ttagctgaga	ccagaattcc	aggaaaccac	60
cctgtctgga	aggcccaggc	tacggagaac	cctctgaaag	tgaa		104

<210> 404  
 <211> 141  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(141)  
 <223> n = A,T,C or G

<400> 404						
tgttcccatg	aacatgcaga	aagaggagnn	cgtgagtgtc	tgggtccggg	accccaggat	60
tcanaaggag	gactttnggc	actcttatat	cnactatgac	natntgcctt	cacacnacag	120
agcagaggag	acttgccttg	t				141

<210> 405  
 <211> 101  
 <212> DNA  
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(101)
<223> n = A,T,C or G

<400> 405
ttgacccttg catggcagga gaaaattnan tgcttgagtn gttctctgac ctccacatgc      60
ggtcctgnta catgggntgt ntgcatacac ataaacacac a                             101

<210> 406
<211> 160
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 406
gcctgaggcc caacctgcct gaggcctaac cggntctctt ccaagatttt ccggagttat      60
cttcgagagt tcccactaaa aggttgatct gtctacttca aaagaacttt acttgtttag      120
ggatgggcct cccctcttct ttataaagtg tgtttgctgg                             160

<210> 407
<211> 185
<212> DNA
<213> Mus musculus

<400> 407
ggaatgcctg aggactctgt cccctctggt taaagtctcc aggttagtaa gccaggaggg      60
agcccgccac ggccacctag tcagcaccct tccctgcccg ccatggatca cgatgagcta      120
ccccgggagg gctgtggggg gggggcaggc atagggtcaag gggaggggat ggcaaaaaat      180
aaaaa                                           185

<210> 408
<211> 347
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(347)
<223> n = A,T,C or G

<400> 408
aagagatgga ggggcaagtt ctgagtgatg caactgctgc ggantaggag ctaggaacca      60
gttttacatc aaggaagtta acaccgtgtg taaagaagat gggcagtata gcagtccaca      120
caagtggcct tggtgaaaag actgccaggt tgagtggctt ggtttggagg aggtgtnttt      180
nttaacgctt nctccagctg cagtggngct taggattctg ctggtacatg acgcacaatt      240
ctgaaaactca ctcatgactt aagcactgga gaccttctact ggcagactgg ngctggcgac      300
gctggggaggc tgnctgctgnt gcaactctncc ccacccgcct accacag                    347

<210> 409
<211> 251
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(251)
<223> n = A,T,C or G

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<400> 409  
acgattcagg accatnagca ccatnagaag ctctgtctct gtnagcatca ttntctccag 60  
ncctcaaacc ttgtcccttc tgggnaccac ncgagatgcc cctacgcag aatanncngg 120  
ctntnctctg tctctncaag ncntgagncc ttngnggggg agaactttat tnncttcagn 180  
tgttgtctgn cctccacatg cgtcctgtng catgggtgta tgcatacaca taaacacaca 240  
tgcacacggt g 251

<210> 410  
<211> 150  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(150)  
<223> n = A,T,C or G

<400> 410  
tcacagtggg cccttggtt accccccctt ttttgcattg nttgagtacg ccttatcaca 60  
tattgccaac nacntntgaa taaagagatg ctcaatattc ataacctgaa ctattacagt 120  
tcaaggacat tgcttttcca aaaaaaaaaa 150

<210> 411  
<211> 241  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(241)  
<223> n = A,T,C or G

<400> 411  
ggcccttaat acacacacgt gcttntantt ggtataaata acgtnattgn gcagaccaga 60  
aacntgagac aacttgagg gacttgcagt nggtttcatg gngctgaggc agtgaaaacn 120  
tcacccactg ccattggttt gcaactataag cgcctgcatt agtaattttt aaaaacatnt 180  
ancacagtaa nantttcnaa antcttttct atgcnagctt atctngttag gcattatttt 240  
a 241

<210> 412  
<211> 117  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(117)  
<223> n = A,T,C or G

<400> 412  
cctgcaacat cctggccttt tctgcagaaa gaactganng ctttnggaaa ctgtaaagct 60  
tacctctgng gaaaaacccc aaagcattgt ttcaacacag gtttccttaa gttaaaa 117

<210> 413  
<211> 125  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(125)  
<223> n = A,T,C or G

<400> 413  
 agtacggtga agacatggcn agtccaagaa ccacacctac ctacacacta ttngcagatg 60  
 accagtgtcc tgtgctgttt ttacaaataa acttgaggca agatcaaaaa aggaaagaaa 120  
 aaaaa 125

<210> 414  
 <211> 171  
 <212> DNA  
 <213> Mus musculus

<400> 414  
 gaactgagga ccagttccag gtaattgcat ggctgctgca ttcccgtgag gccctgtga 60  
 gcggcattggg aaggcttctc catcacctcc tgcctcccc cagggtgcctg ctcttgatca 120  
 aaccaaataa aagcgcaaac aagttccagc gggaaagttt aaaaaaaaaa a 171

<210> 415  
 <211> 415  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(415)  
 <223> n = A,T,C or G

<400> 415  
 aactgagctc ttcacatatg gtgctaaaga tgtctactgt canctcanac ctgtctggaa 60  
 gtnntntcag aagactaatg cgacctgaan ttcttgggga gggtanagtg gctgcagccn 120  
 cncctgtgta ncggattnta tatngctgat anattgacta caagcccgaa aanggnataa 180  
 nggactgtgg gnncccaggn atggagctga tttcagggnat gnnactacca gctctatcan 240  
 catttngac tgcacacgac tctaattgctt tggacttgan tgcattctac ccgccngacc 300  
 tttccttatg tatctgaaga gaatnccctt gccctctctg cttgcaaccg ctctgcaanc 360  
 tctgatctca ccgaagtntt nggngttcca tatttttctc attcccctac aagtt 415

<210> 416  
 <211> 356  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(356)  
 <223> n = A,T,C or G

<400> 416  
 taaaaacatg cccctgaccc tcttgccaaa tgagtntctg ntcattgaggc ccaccaagat 60  
 gaaccancca aggagggntc gtgnnctgcc ctgtacgaac antgactgct gacngtgtga 120  
 tgagcaagct gagggtnctg aaatgttgct tgccaangnc catgaaggaa gtggntctac 180  
 ctggtcaccc canganggtg gcanactggc ttgctgganc atgctnngcc agaattctgt 240  
 gancctctcg gaccncttct caggccngga cttattnaac ctancccaag angatattna 300  
 nataancccc cantgtcccg agtcttntct ganaatgngt ccaccaacat cttaga 356

<210> 417  
 <211> 346  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(346)  
 <223> n = A,T,C or G

<400> 417



ttgtatgccc aatgct

196

<210> 422  
<211> 272  
<212> DNA  
<213> Mus musculus

<400> 422  
aactgagggt ggagggcaag gtttggagac atctgaagcc aagtcctgcg ggccacatga 60  
gatcttttgc ccatttccac cctgctgttc agtcctgggt atcactcacg gccagagctc 120  
ccgagttacc tttgctgcta tgccagcccc atgcaacaga ctgtccaccc cacggtcage 180  
ctccacaaca cccagcaacc cggtagaaac aaaattctag aagcttataa ttaaggagtc 240  
ggattttacgt gtcaataaat tttcagttca ca 272

<210> 423  
<211> 459  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(459)  
<223> n = A,T,C or G

<400> 423  
aactgagggt gggctcttta ccctatatata ccttggccgg ctaccgggaa gactgcgtct 60  
cctgacgac gtaacgaana tgtaccngtg ctttccttnt ganagtnaan nccgccctaa 120  
tatgtgcanc angctaaccg ngnggaanct tgccctgccag aaanaaaancg cctgtngtnc 180  
tattanggaa agccgngnac taangtctgc ttatgncaaa ngcccagnaa tgtccatttg 240  
agatccanga gccacnaaga aggggggcta cttggccaac atggctgac acgtgcctga 300  
ggcatgccct ntgacctcac cagngtanca cagaaccatc catacaggcc ttgggcagct 360  
ggaaatttac actgntagct cncccatgtg ctaagttagg aactggattt ggattggctt 420  
ggngtggact cttatttcca agactggtga gggaaacac 459

<210> 424  
<211> 277  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(277)  
<223> n = A,T,C or G

<400> 424  
acaaatctgt ggtcataaag acagacagtt tnaatgagaa gacactgcaa atgtgctgga 60  
agacgcagct gtcctgagag ggcacggngc actgncgggt acagggtaca agtatntgtg 120  
accancgaga cccattagtc cacactgctc gtcccgtgca tttttcctat ttaaggcaaa 180  
aaaaatcatn gagactagag tactttggaa tttctagaag ctcccacctt attctgaaat 240  
taaaataaaa cccgtgctgt tgggtgtaaaa aaaaaaa 277

<210> 425  
<211> 117  
<212> DNA  
<213> Mus musculus

<400> 425  
gggctgcctg ggctaaatag tggattcaag accagcctgg gctacataag aactgtctc 60  
aaacaaacaa cacaaaacat catcattaaa aacaacaaca ggagtgaana aaaaaaa 117

<210> 426  
<211> 124  
<212> DNA



<213> Mus musculus

<400> 426  
aacatgagaa agtatagctt ctaccattga gctcaatgca ctgtgtgtga aggcgctggt 60  
tgctgctgta gggagagaat acaaattggga caataaaaga ctccgaacca tggaaaaaaa 120  
aaaa 124

<210> 427

<211> 112

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(112)

<223> n = A,T,C or G

<400> 427  
cggaaggcat gccaaacngc ttacgcttcc caaggcacia gatctttccc agcatgggaa 60  
agatctctcc tccctccttt ntccaccat acactcaata aaataaaata aa 112

<210> 428

<211> 258

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(258)

<223> n = A,T,C or G

<400> 428  
aacatgagtt cggccggtac tccgctctga tcatcgcat ggcatacggc gccaaagcgt 60  
acagttacct anacccccnn ncagaggagg ngaggagaat ancagcnnnn gnanagaaga 120  
gactanntga nttgnancgg ntngngagag aactggcagg aagctcaaga tgacagcatt 180  
ctcaagtga ggcgtcagcga gcttgctttt ctctagtcgt tgagaacgaa taaagcttca 240  
ttgtgtgaaa aaaaaaaa 258

<210> 429

<211> 351

<212> DNA

<213> Mus musculus

<400> 429  
ggaagagact gtctttgaaa ccaggaatct gagatgatgt tgagatggag atgacaggcc 60  
tgcaaggaca agagaaaaca tgtagttctg tgagctctga tgtcaacctt cctggacaga 120  
gcctgcacag gccctagggg gcagcataga gacctcattg agactagccc acagactgga 180  
gggcccacag gccaggctga tgtgggctgc tccgtcagcc tgcctoctgt aagggacaag 240  
agcatcctct gataagggtg gatggagcag ggggcctgag gatctctgtg cgccttcctg 300  
ctgctttggc aacaataaat gaagagtggc tttgtagctt aaaaaaaaaa a 351

<210> 430

<211> 179

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(179)

<223> n = A,T,C or G

<400> 430  
agtggaaagc ctggggctga aaacggtgag gctcagngat gggacaacag cctacngtcc 60



tttgaaccga	aggatatcac	ggcagaggaa	gaacagggaag	aagtggagaa	cctgaagagc	120
atccggaagt	atttaacttc	taacactgcc	tacggcaaaa	ctgggatccg	ggacgtccat	180
ctggaactga	aaaacctgac	catgtgtggg	cgcaaaggga	acctgcaact	catccgcttc	240
cgcacctgtg	ccatgcactt	gttcattccag	atgggcagcg	agaagaactt	ctccagcctc	300
cacaccaccc	tctgtgccac	gggaggtggg	gctttcaagt	ttgaggagga	cttccgaatg	360
gtaggttggg	cttgcctatc	ttcgaacagc	cagctctctc	atgtgatcat	agtgtgctca	420
tctcatgcta	agacctggac	cattaacctt	gggacctggg	catgtctgtg	cccnggggtt	480
cctcttccat	atgataataa	atatatgacc	ctttca			516

<210> 435  
 <211> 197  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(197)  
 <223> n = A,T,C or G

<400> 435						
tcaccttgag	tgacggatgt	gagataagag	atacatgcgg	antgtgannc	actcatcnca	60
gttttgcattg	gntntgnntg	ngananatca	catnctctnc	ctcntnatgt	ncctccggag	120
acggatgtga	gaaaagagtt	acatgcgant	ntgagtcagt	caacacgttt	tgcatggtta	180
agttaaagaa	ataaaaaa					197

<210> 436  
 <211> 264  
 <212> DNA  
 <213> Mus musculus

<400> 436						
gtgcatccca	ctcgattggt	tgaccgactt	cttgagcggg	tgagctcctg	ttggaagcct	60
tgcttttatgg	cgctgtccca	gtgagaagcc	gcttttctgg	cattcgccag	cttcgggtca	120
catgcaacta	cttctcttcc	tgccgtctct	gctgggagtt	tgtgaagttg	tttattctgt	180
tacagcttgt	ttgactttca	cataggcctt	atagtctaata	acaattgaga	aaaagagaaa	240
atttatgacc	ttgaaaaaaa	aaaa				264

<210> 437  
 <211> 162  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(162)  
 <223> n = A,T,C or G

<400> 437						
ctaaaagagc	agcaaagaag	ttacnntgat	tttgcagtcc	aggccctgat	gagttttgaa	60
gacaagtga	ggtacagtgg	gtgacagctg	tgctccttga	cccagcaaaa	gctaatagaag	120
aaaataattg	gaatttaaaa	tataaatatc	taataaatatc	tg		162

<210> 438  
 <211> 262  
 <212> DNA  
 <213> Mus musculus

<400> 438						
gtcgttggtg	ctgccagggc	gtcaataata	aaaagagagc	agcgttgggg	gataatgtcg	60
acatttccac	tcccaatgac	gtatatgtta	cagaattgga	cggctgaatt	tgaacagatc	120
ccttcgagaa	ttgagacttc	aggtcaactc	cacgcgcttg	gacctgtcgc	tgaccaaaag	180
attacccaat	tggatctcct	cagcattttc	tttctttaa	aaattgggtg	ggattaatat	240
tattttggaga	tacaaaaaaa	aa				262

<210> 439  
 <211> 125  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(125)  
 <223> n = A,T,C or G

<400> 439	
agggcagggc ccttgtggga cccagcagct cattcaacat aaaagtatat ttttgaagta	60
cctaaagtat aataacctca cctattatgc caaaattaaa taatcangaa tttacaaaaa	120
aaaaa	125

<210> 440  
 <211> 101  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(101)  
 <223> n = A,T,C or G

<400> 440	
ggacctggac cgctggctgt tccttctttg atcccaggca tgatttcagc ttgtagaata	60
aatgagaaat gcctgtnggt ttaattaaaa gaaccgcatt g	101

<210> 441  
 <211> 423  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(423)  
 <223> n = A,T,C or G

<400> 441	
taacaactgg tggagcccag agccctgggc gaggatatgg ctgtgtgcct gaggaccttc	60
acacaggcac acagtgtccc acctgtcttc ttacggctgg caatgagatg gtgctcctta	120
caccgtggac cccccgaggg gtcttntctca ccaccttcag ccggaaagtg cctgaccgta	180
gaattcatg tgtattagtt gctcctgaga agaggaagag ctgttttgat acccgatatc	240
ttcgaggtgt cagtccatgg tctttggctc cactgagtcc agggtcacag caagcctaaa	300
caggatgggt ggctagacct gccgaggggc agacctcgaa gctcacagca gataggaagc	360
tcagagataa gactgaagac aagcttcagt gtacttacat ataataaatt aaatccttaa	420
aag	423

<210> 442  
 <211> 396  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(396)  
 <223> n = A,T,C or G

<400> 442	
tctggctgtc ctggaattca ttatgcagag taagatggct tganactcac aagagatcta	60
actgcctctg nctcttgagt gctganatta aagggtgtgtg acaccatgcc taagtgtccc	120
aagtttaaac tttccagctt ggaagtaaat gaccaggaaa taatacagtg aggattccag	180

cagagatcac	ctccccaggc	atcctaactc	ccaaagtgag	agatactctc	ctgttatcac	240
tcaatctcca	tcgacgaagg	agccactcta	ccactctggg	aggtgaacaa	cggaacaga	300
cacagaagca	gactgcccac	ctgatggggc	agttatgtca	atggatcatg	aacaagttga	360
gtcacaagat	ggaaccagga	aggcaaaggc	ccctga			396

<210> 443  
 <211> 217  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(217)  
 <223> n = A,T,C or G

<400> 443						
cttgaaggag	tacaggaacc	acccaaccct	gcaggctctnc	ttgtaccggt	cctggagaca	60
ttcccccaac	atcacctgcc	tgttacaggt	ctgcagcata	gtcaccacct	gggccatgat	120
tgcatttctc	ctgggaagac	ccatgccctg	agagcagtga	gccacctcag	cttctgtctt	180
agtctctgga	gatggccctc	gtggctcgtt	tgtattt			217

<210> 444  
 <211> 184  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(184)  
 <223> n = A,T,C or G

<400> 444						
tcactgtcgc	cgccccacagt	gacgncnnc	acagaaagca	cacaccgtag	ttgcggacgg	60
cctgtgggtna	agatgtcttt	gccatcccca	caggacggac	ggacnggant	ccacaagggtg	120
cgcagtngtc	nccgaggccn	gccnnganag	ganccgattc	ctcacaggag	gaaggagcac	180
gccc						184

<210> 445  
 <211> 185  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(185)  
 <223> n = A,T,C or G

<400> 445						
ccattgagcc	aaagaaaggc	caccccccca	acagccccca	cacctggata	anagcgccct	60
gcaagaactt	cttntggaaa	accttctcct	ngtgcaagtn	acccancct	gggcatagca	120
ccctggccac	cctgngagat	gccaacggag	acctgaataa	agactgtcaa	tcagcaaaaa	180
aaaaa						185

<210> 446  
 <211> 300  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 446  
ctgaagagct accatttggg tgctgggatt tgagctcatg acctncnnaa gagnetgnnn 60  
cgngctntt acccnctnaa nnatttcacc agaccnctg atcctccttn tgcgnatnct 120  
gctacctgct ganaggcccg ggagctcttn tggagactat gccctatcct acgtcatcac 180  
ctgcagctgg ttccaggctc caaggatgaa ttggcgggaa tggactttcc cccctttttt 240  
ccccctctt ttctaaagcg tgtctgccat taaaaatttg aaccttgagc aaaaaaaaaa 300

<210> 447  
<211> 152  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(152)  
<223> n = A,T,C or G

<400> 447  
ctgggtgatgt ccctccctgg gacacatcca gaggggtgtg caggagtcca aagaaccang 60  
gactcaggac ctgcgggcag ctgacctctg ctgctgtcac tgcacagaaa tttttaaatg 120  
acttttatta aatccttaca aaacagaaaa aa 152

<210> 448  
<211> 247  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(247)  
<223> n = A,T,C or G

<400> 448  
acgactgggc ttcagtgtgt ccgtggggga gtcagggtca ggcggacccg aggtctacca 60  
tgacacacgt gtttccgncg ggcacgcata cacncacgtc cctgaccatc ctgttgccga 120  
gttgggtgcc ccggnccctc agtgaccccc cccacacttn gttnngagcag nggccctgcc 180  
tcanaatggg cagacctttt aggaaactng gatcanacgn gactcggctg gcacccact 240  
ggtgccg 247

<210> 449  
<211> 228  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(228)  
<223> n = A,T,C or G

<400> 449  
tgaagagcag ttttgtccaa aaagaacatc atctccagcg gagaaagggc agctctgagc 60  
ctcgaggaga gactncattg tnancctctca gactacatac cttggncctna caatgaaaga 120  
atccaatatt gganganca ngaaaggaac tcagngcncc tngcnccagg tcaangngtg 180  
gacctcatag ccttttttgg cagngtgtnc ctagggaaac ataataac 228

<210> 450  
<211> 136  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(136)

<223> n = A,T,C or G

<400> 450

agtctacata	ccaagctcca	gnncagccaa	ggctacncag	anaaatcctg	tcttggaaaa	60
caaccgnncn	nacaancctc	caaactgagn	aatctgtatt	tagaacgatt	gctcatnttt	120
atgacaaata	aagtag					136

<210> 451

<211> 485

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(485)

<223> n = A,T,C or G

<400> 451

aactccctgt	ggttggaatg	gcttctctct	ttcattcaga	gggcttctct	ggatcaagcc	60
aggcgaanaa	gctgagactc	caggcataca	actggttatc	cagggagctg	gaccttctact	120
ccgacttcca	gctctccacg	cgctgctcac	cgctccctgtc	ccagacagga	aacagtaact	180
gatgctggaa	cacaggctcg	tgggaccgcg	ccactaagga	tctctcagcc	accggcagcc	240
acagccacgg	aggagctctt	tgtggtcttg	gcttttcaat	caaggtttgt	ggccaaggct	300
agagaggcag	ctctcacctt	caatgaaagc	atctgggtct	cagtcaagat	tgatctgcac	360
tcggatggat	tccctgtctg	ccagacaacc	ttggaatcca	ttagggcccg	gatagagcac	420
gatggaaggg	gaaggcgcta	aggcacgcaa	catgtcacgt	gacaccagca	gtttccgttc	480
cctct						485

<210> 452

<211> 558

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(558)

<223> n = A,T,C or G

<400> 452

ctgagagtac	cagtgatggg	gactccagcc	tctgtcgtga	gcgagccacc	cctgtggcag	60
gtttcaacac	ctcagacccg	gggccgcaag	caggcctctg	ccaacatctt	ccaggatgct	120
gagctgggtc	agatccaggg	cctgttccag	cgcagtgggg	accagctggc	tgaagagcgg	180
gcccagatca	tctgggagtg	tgcaggggat	caccgtgtag	ctgaggcgct	gaggaggctg	240
cgcaggaaaa	ggccgcccac	acagaaccac	tgcagccggc	ttagagtgcc	ggagcctggt	300
tctacagcgt	ctgaccccca	ggccagcacc	actgacacgg	cctccagcga	gcagtctggg	360
aactcccgga	gaacaagtgc	tagagccccc	cggaaactgga	ataagccagg	ccccacaggt	420
tacctccacc	agatcagaca	ctgactgggtg	aagggtgggg	gaggtcctcc	ccaaacactt	480
gcagggactt	tggccaaaang	gcttatggag	ttgtaaaaag	gacatntgag	cangcccttt	540
gtaggtgaaa	aaaaaaag					558

<210> 453

<211> 221

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(221)

<223> n = A,T,C or G

<400> 453

attgtgctca	gcacagaggt	gnttcgtgac	cnnagactgta	cttctnaatg	cntgcatgga	60
tgccagacac	cncgancngn	aagcgtncnt	nagngcctnca	gagcttatgn	agtgntaaan	120

gattctcaag	tggncatctg	acccaccatg	atacagntct	gactgttgct	accaccnta	180
ggaagaaaaac	gctgagtcac	cngaaaccaa	agaaaaacaa	a		221

<210> 454  
 <211> 181  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(181)  
 <223> n = A,T,C or G

<400> 454						
gctgggaatt	aaccttngna	cctgatggaa	naagcggcga	gncaaccaca	acccatcgct	60
caagcccat	tgctgggcct	ggtgacaacg	catgtcagtc	ctgcctcagc	cccctgaatg	120
catgtttaca	gatgtgcacc	agagcacctg	actcaagttt	taaacgatca	ttttgagcac	180
t						181

<210> 455  
 <211> 457  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(457)  
 <223> n = A,T,C or G

<400> 455						
aacctcagaa	aaaagtcttc	aaggctcgga	aaacaatgag	agcngagcga	tcgccagcag	60
ctcgatgctg	tgcnagagat	caagggggag	ctgctgagag	ccgacgggaa	gctgctgaac	120
gggagccatg	agaatggaga	cttgatccc	acttnaccct	tggaaaacac	agattgtntt	180
caagatcgag	aagaagtga	tggtattgat	gggattttgn	tttcagtcag	aagaaagnnc	240
aaccgggaat	gggaaaagan	gaccccttg	tattgcccac	tggtttgcct	gtnataaaac	300
aaaaccnnga	agattttgaa	atagtngaag	gctttttgtc	ccccccant	ttttctatan	360
ttnnatnnc	ntaacanaac	nggggggggg	nggggggggg	ttcnggggcc	ttntnaanng	420
gttngntgnt	cccccttttt	tttgtctagt	ggggggg			457

<210> 456  
 <211> 237  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(237)  
 <223> n = A,T,C or G

<400> 456						
gctggcacgg	agcatnctat	ggcatcgatga	gcctgcagct	gatctccggg	gtgngtgctg	60
agggaccat	cacatacngc	tgttccaccc	agagtgcana	ncnctcactc	tangactcag	120
gctagaactg	gactgcacag	angaccctcc	cncnangata	aatganactt	anancecntn	180
tttaccant	gcggatctat	aaaatngnac	ntaactatac	taccaataaa	caaataa	237

<210> 457  
 <211> 348  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(348)



<223> n = A,T,C or G

<400> 457

tatggcatcc	aaactgngct	nttacaagtg	ccctgtctgc	ttncagnact	nncacngaaa	60
tgtcaaagtc	caccntgggt	aaacatttct	tgtantccct	agtcgcgctna	aacaacagta	120
aaacgtttggn	ncntganca	nntgctaaat	aaagaaatat	ntgcgtgncn	nagccttaaa	180
tttgctatat	cctgtntcaa	tctactgcta	acatagcgtc	ntagagaatn	gnagctaact	240
ttcaaatatg	nntctaaaaat	gaccagaatc	agccttccaa	atgaagaant	agcaacgnct	300
aatgctgcgn	tgattatctg	ggacagngca	tgacataagt	agggcata		348

<210> 458

<211> 101

<212> DNA

<213> Mus musculus

<400> 458

acgtcccaact	gagtcttgcc	cacctctccc	ctgaaacttc	cgcgctcta	aaaaagta	60
gcgtcttggg	aacacccaag	gttggtcatg	tggcagcata	a		101

<210> 459

<211> 246

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(246)

<223> n = A,T,C or G

<400> 459

gctgtgaaca	gcttaccctt	gatcgtgatg	ccgcagaaac	nncaagagag	accttgtctc	60
agtgcggtgg	aagangaatc	agtgccccnn	aagtngnatc	ctgaccttct	tttgccatag	120
catgtgtgag	cctgnactca	ccccttccct	taataataat	aaaacaacaa	ctttgtgant	180
tgngacnnat	nnanncatag	catgngtgag	cctgtactca	ccccttccct	taataataat	240
aaaaa						246

<210> 460

<211> 294

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(294)

<223> n = A,T,C or G

<400> 460

gcccacctgc	atccgcttcg	gctttttaa	gaaatcacct	gcaactcccg	ccgncggcac	60
cgaagngcag	aagatgccc	ggtttccgga	gcaacagctc	agngtcctct	atctccgccc	120
cgcggcgcct	ttcccgccaa	aggccgttac	caccgcggag	catggtggga	cacagcttgc	180
aagatagggt	tcacccaatc	tttttanagc	gccnagctgc	tttcanagag	ggtctacccc	240
cgagggtggc	gacgattctg	gactcagtgg	ggattaataa	taaccgcttt	aacc	294

<210> 461

<211> 106

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(106)

<223> n = A,T,C or G

<400> 461  
gaaaagcgca gggcccatcg accactgaag acaacgggag ggagctggaa gacggngatg 60  
gnctgganat cantgctgca ctcttcctgn gagacgattg aagcct 106

<210> 462  
<211> 347  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(347)  
<223> n = A,T,C or G

<400> 462  
gagcctttga agaccagata nctaataaac tctagatnca tccatgggtg cntcngntnc 60  
cttcntannn atggttnncat attannganc gttnggnccn tccngcctcc gagcccagga 120  
tgcacctgga tgaaaacaaa atcccacgtg actggccctg agctcagatc atcatggcgt 180  
ctcccagtgg gaagggatct tggacgcccg aggtccctgg ttttgggccg cgggcgctag 240  
cacgggacct ggtggactcg gtggacgacg ccgagggcct ttacgtgggt gttgagcggn 300  
gcctctgtgc aacaccactc gccgnggtg acttgcgcca agtgcgt 347

<210> 463  
<211> 472  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(472)  
<223> n = A,T,C or G

<400> 463  
agctttggag aagcctctga aggcccagga acccgagggt gttctgctga gagtcgacat 60  
catggatggg gagagcagag gaggacacga aggccaaggg gagcagcagc agcaagaccc 120  
tcagtcgaca cattgcaggc gcccttatac cnggtttagc ctccactcaga tccagtacct 180  
tacctttgcc ttcattctcg ccttntgctg gacacccggn caccgggctc cggacaccgc 240  
cggatacggg cagttaatat ccagttcttg tctcgagcct gggcaaatta ctggagcggt 300  
cgttgggtgt cagggtcccg ngagactggc cacgcnctaa ttgtctcacc acgccctnca 360  
cacacggctg cctaggatcc tcaactactc accatcggggt ctctggcata tccacatctg 420  
tattgttgac tgaccacacc tcttaagcca tactcctcgt ggatggccac gt 472

<210> 464  
<211> 480  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(480)  
<223> n = A,T,C or G

<400> 464  
agcctcaaat gcagcctgct tgnccacctc cttctccact caggncacaa gctctgcac 60  
cctacacttc tctggntccg gntcactgaa aaaacccaan atccacatgc ccacggactc 120  
nttcccact gactnnatcc cactcctgt agagttccta aacaatccca anaaagcacc 180  
tccagccaaa aanggacccc ttgatgactt gganaaagac cctccaggng ggnngnccan 240  
aangtgganc tngcctccct gnaagagctc ttctggaaca tggcaagtcc aagccaacag 300  
gctgggaccc canagatttc ctctgggagc tcacaatgct acatcaataa cttanattac 360  
ttactgcaan aaaagaggat gctgggttga naatttctcc ntgtccctgc angtcactc 420  
nccagtgcac ccgggtgaaa ctgtattcct ncctaagcnc caccctttgc cttgcttcc 480

<210> 465

<211> 139  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(139)  
 <223> n = A,T,C or G  
  
 <400> 465  
 ctggaacaag aggggtctca nccctcctt tgtggactta gcattacagt cnctaaatgt 60  
 gtggacttgc aacggaaatc anattcaana atcatgttct tgttggacta ctgaaaagct 120  
 tgaaaagatt tcatatact 139  
  
 <210> 466  
 <211> 216  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(216)  
 <223> n = A,T,C or G  
  
 <400> 466  
 aggcctgcat gcttganceg ttgntccgc cccgcggnag cacnatgtct gnatgccatc 60  
 nccccacagc tgganagggc agtgctgnag cagnncctta ttgcatgnag ccactcttan 120  
 aattctctca gntgaagtgg tgntttttat tatatataaan gtacactgtt gcngnennca 180  
 aacactccag aatnaggngn tcagatctca ttacag 216  
  
 <210> 467  
 <211> 277  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(277)  
 <223> n = A,T,C or G  
  
 <400> 467  
 tgtgggggttg ctactgttc ttcttgaagg aggagtgact ggccgccacc ggcacctgga 60  
 acccagcacc caggaggtga acccgagcgg acctgaggag gatcctgtgt cctgtgtcct 120  
 tgggagacta ctactgggg cgagatgacc acagccacca ctttngggga cgccgtcttc 180  
 tngctganca tgaccagggg agaggacgcc ctgtntaana gctctggagc catcgtggct 240  
 gccatcgttg tnggtngtna tcatcattgt caccttg 277  
  
 <210> 468  
 <211> 363  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(363)  
 <223> n = A,T,C or G  
  
 <400> 468  
 tgtgcatgca gagaccacag atgtcatctg cagaaacaac ggtcaccttc nttganacag 60  
 agnctctnat tgnccctggag ctgccaatga gncncaactg cagccagcan gccccagagc 120  
 ttctcctgtt tctgcctccc tagcactggg gttaaaaagtg cagaccacca ctctgcacct 180  
 ttatttacct gggtccttgg gatcaagttt aggtccttca ggctccagag gcaggtgcat 240  
 taccactgtt tgtgggtggg cctgatgcag ttcttgtgac ccatccccta atgaataaag 300

gagccaatca ctgggcaagt aggagggact tccaggntgg actgaggaag agaggaagca 360  
gga 363

<210> 469  
<211> 291  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(291)  
<223> n = A,T,C or G

<400> 469  
cggggctgtc tgttgactct gcccagaact ttttcacccc aggtatctaa atccttgctt 60  
caaagggtcac cactctctaa gngagacctt ccctcattgc ctgcctgtaa gatggaatga 120  
tcttccctgt gtcaagcttg cctcgtagcc ccttcttcat cctatttctg acttcttagc 180  
cgaggaaaaa tacttaagaa aagaattctc attttgtttt ctgctgtttc cctgtaccta 240  
gtacaataca ctacacatgg caggaatggt ttttttttaa taaaacattg a 291

<210> 470  
<211> 199  
<212> DNA  
<213> Mus musculus

<400> 470  
catacctaac ctatcgaggt tcaagtcccg gttccatagt ttgcaaggaa tgcagatttg 60  
aaccaatgac tcaacgtctc cgtgctacag atttttagc atcaaccag caccgacttc 120  
acagagctgt acagagacta aggactgtc catattaaaa cactacatgt tcccgtgttt 180  
gttaaaactat acaaaaaaa 199

<210> 471  
<211> 164  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(164)  
<223> n = A,T,C or G

<400> 471  
acatgtgaca tccccaccaa cggctgtggg tctgagcact gaaactcaga gctntctgga 60  
ttgaacanat gtgtgttgtt actgttgac gtgtggcttg tgattttttg ggggcggggg 120  
agttgttttg naaaactatc cccccccca tctctcaaaa aaaa 164

<210> 472  
<211> 290  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(290)  
<223> n = A,T,C or G

<400> 472  
tgaggaaaat tcccaggtat tcatgtaaca gggaattgag gtaactaaga atgtctggca 60  
ctgaagaaga cttatgtcac cgcataaag tagttgtccg tgtacgtcct gagaacacaa 120  
aagaaaaggc ggtgcagttc tgtaaagtgg ttcatgtagt ggataaacat atactcagtt 180  
ttgatccgaa acaagaagaa atcagttttt ttacacagaa gaaaactacn aattttgata 240  
ttactaaaag gcaaaataaa gatctgaagt ttgtatttga aaaaaaaaaa 290

<210> 473  
 <211> 252  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(252)  
 <223> n = A,T,C or G

<400> 473  
 taaggtcaga ccctatgcat ggggcggtag tataagctgg gacggcntgc tgccaacact 60  
 aaggattgga cctngccata tacacangag tncgagntcn aggaggcagt aaganagtac 120  
 tgagccctga gatggngatg ttagagaatt gcttcctnna gcctctgagc tggttatatn 180  
 ggcnaacaa gggatnactg atgttgnnnc acaatgagct tgnctgcacc naagancctg 240  
 gaaaaagaac ag 252

<210> 474  
 <211> 126  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(126)  
 <223> n = A,T,C or G

<400> 474  
 accaaagtac atattnaagc cttctccagg gaanagccca ggcacacggg ctnaanatga 60  
 ngcngncngn annccccctc agaggggagaa tgtggtccag caagatcana ctttgcgctg 120  
 tctgtg 126

<210> 475  
 <211> 121  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(121)  
 <223> n = A,T,C or G

<400> 475  
 acatgtacca acaatttata tnaacaaaca aataataaca tnaatnacat aagtgactnn 60  
 caagcnanga ctacatagag ataccctagc tcaaaaaaga ccaatagaat acaatggaaa 120  
 a 121

<210> 476  
 <211> 322  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(322)  
 <223> n = A,T,C or G

<400> 476  
 ttttaccatg acacanaact ggcctggagg agctggtggc acggttgcag ctggggccct 60  
 gccccaatga tcacccctcg aggggttttg gagacagagg tgacccgggc ttttggggct 120  
 ctggtgtgga tccgttgtga caagtatgca ggagacttgc tgcagcttcc tccagcagtc 180  
 caggagctgc ttctcagttt ggtccgagat gctgccggca aggaagacat cattgagtgg 240  
 ctcggccatt ttggcatctn tggacttgc cccaaccag agatcctgat ctgccttgcc 300

cggcagcaga aggaaagcgc cc

322

<210> 477  
<211> 413  
<212> DNA  
<213> Mus musculus  
  
<220>  
<221> misc\_feature  
<222> (1)...(413)  
<223> n = A,T,C or G

<400> 477  
caggggtgtgg gtgacccatg tctanacgcg ggattcggng agtactnaca gncttnatcc 60  
ttacanangt gggcacatac tatttcttca ggatncatag gaanttnccc ngtccttatc 120  
tcaanccttn cctcaattct tttccntaca atacaatgat ttcactataa anantaataa 180  
ctnaaaaaagc cgtngggngt ncngccccng ggagccggcc aacctggaga gcagaaatgg 240  
cagactcaaa tagatcccca agatccaggc ccaagcctcg gggacccagg agaagcaagt 300  
cggacagtga cacccttttt gaaacttcac ctagtnccgt ggctacnagg agaaccacca 360  
ggcagaccac catcacggct gantncacga agggcnccac taatcggaac ccc 413

<210> 478  
<211> 462  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(462)  
<223> n = A,T,C or G

<400> 478  
gctccactgt tgggtgtgchg ggctctccag aaaccaattg cctgatccga ttcattgccc 60  
agcagcgaaa cctaaagaag gctgtgctct ctccgttggc acgagagccc cacttcgagg 120  
gtagcccaag actgtatcga aatgccagt ttttaagaga gcagaatgtc tgcttttcgg 180  
tcagcttttc actccataca ggaaactaag atggccagca gtccctcagc agcagaggca 240  
gacggagagt ctaggatata agatattgacc agaaaagaag atcttcttga atatcagcag 300  
tctgggttcc ctgtaaactc ctcttcaaag cggaggagaa tatcctccca ggacagccct 360  
gacaattatc tnagtggcnc caaagccctt gctgacgaag cgtgtgctgg ggggtgcctnc 420  
acagatcttg ctgagaagtc acctgacatc gggtccgccc ag 462

<210> 479  
<211> 112  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(112)  
<223> n = A,T,C or G

<400> 479  
ctctgacctg ctggcatgch tggncctcgt ggccaacacc ttactctcag ggcattgtcac 60  
tctgtgcctt aactcccgtg cagtgggttg cccgagaggg ttccgccttc at 112

<210> 480  
<211> 129  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(129)

<223> n = A,T,C or G

<400> 480

agccggtttg gactgactgg ctgcctncct cctcctgccc ctccctccgc ttctgcttca	60
gatttantta ttatatgtan gtacnctggn ncagtctgga ggacnacta nacgagggca	120
ccacgatct	129

<210> 481

<211> 162

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)..(162)

<223> n = A,T,C or G

<400> 481

ggaccctctc catggcaacg ggnanctcac tgagangnga gtgtancnca acagcangnt	60
gcnnatatgn agncatagct gatgctccca ttatattata tagtgaccga gaaggcgtgg	120
aattattacc catacacnat nacagaatac actgggtgct ta	162

<210> 482

<211> 339

<212> DNA

<213> Mus musculus

<400> 482

cttactgtcc ctctgatgcg gcctaggatg acctgggagt gggcttctgc cctggctggt	60
ggagaattat cttgactaag tgcagggcag cccggaatgg agctgaccag cacagcagaa	120
gccaggaagc gacttccccct ccttgcccgc attcttcgct tcctttcgtt ggaaccttcg	180
caccaggcct ggccagagat ctccgtggaa aacctctggt acccaggccc agagacagtg	240
aacaactgct tagatctctg cattcttcac ttcccaccat gagctgtacc cctgcagtgt	300
gagccagaat aaaccttttt ttcccttcaa aaaaaaaaa	339

<210> 483

<211> 107

<212> DNA

<213> Mus musculus

<400> 483

caggatgctc tgggtctcatc cttagcccag ctttgaacac actgcttgga caggcttctc	60
ctgcctaaga tttgacaact gttcagttgc tgtgattaaa aaaaaaa	107

<210> 484

<211> 107

<212> DNA

<213> Mus musculus

<400> 484

caggatgctc tgggtctcatc cttagcccag ctttgaacac actgcttgga caggcttctc	60
ctgcctaaga tttgacaact gttcagttgc tgtgattaaa aaaaaaa	107

<210> 485

<211> 107

<212> DNA

<213> Mus musculus

<400> 485

caggatgctc tgggtctcatc cttagcccag ctttgaacac actgcttgga caggcttctc	60
ctgcctaaga tttgacaact gttcagttgc tgtgattaaa aaaaaaa	107

<210> 486

<211> 235  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(235)  
 <223> n = A,T,C or G  
  
 <400> 486  
 atcacccctca actatcaggn tcgggggtgct aggtttcctg ancactgnag atnangctgn 60  
 caagggcaac tatgggctcc ttgatcaaat ccaggccctt cgctgggtga gtgagaatat 120  
 tgccttcttt ggaggagatc cccgtagaat tactgtcttt ggctctggca tcggtgcatc 180  
 ctgtgtcagt ctccttacac tgtctcatca ttctgagggg actcatggag cctgg 235  
  
 <210> 487  
 <211> 101  
 <212> DNA  
 <213> Mus musculus  
  
 <400> 487  
 ccacccaact tggaaatatg agtcgtctac agcctctgct ctagtggcat aaatgctggt 60  
 gtgtgcacaa gcaataaaat cacctttgag taaaaaaaaa a 101  
  
 <210> 488  
 <211> 145  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(145)  
 <223> n = A,T,C or G  
  
 <400> 488  
 cccgtcacac accccgattt cgaaccaagc actgaagtga gaaacatttg tttttaaaca 60  
 acntgctcta atagtcttac atttaaaaaa taagacgatg cttcctatta aacttgctat 120  
 tataatatag ataattaaaa aaaaa 145  
  
 <210> 489  
 <211> 175  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(175)  
 <223> n = A,T,C or G  
  
 <400> 489  
 ggttatctcc ctttccacat ggggagcagg tcagacttga gacttcatct ctttgttttt 60  
 gcacgatata ccngtgatga acctcaacat aaaatactgg gtttggttaa tccccaggac 120  
 acanananaa gagggggggg gtttacnttn agggaatccc cggggggggc atctg 175  
  
 <210> 490  
 <211> 401  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(401)  
 <223> n = A,T,C or G



<400> 490  
gagccctgaa gttgggattg ggncctgcang tcaatcagac gctgcggntn ntnattgata 60  
tccaagnaag cagagaatgt gaggnccctcg ntagctccat gagtgaaant cttccaggac 120  
tctgtataaa gcgttagtac ttctanaaga aaagactggc cacaagcctc tacaccatcc 180  
cagccagcat ctgcaccaag tgactctggg ctctaataatg ctactttaac attcacagtg 240  
ctggccattt aatacacaaac atgtgtatct tcngaacaaa aanactatac accgtgncca 300  
gccagcntct gcaccaagtg actctgggtc ctaatatgct actttaacat tcacagtgtc 360  
ggccatttaa tacacaacat gtgtatcttc aaaaaaaaaa a 401

<210> 491  
<211> 120  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(120)  
<223> n = A,T,C or G

<400> 491  
ggagagctac cctctnanng gccgganccc tactcaganc gttangacta tcctnanang 60  
tgcgatctca cctgattaat gagcccnaca ccttttgtcc ancgcaatga ggatgcttca 120

<210> 492  
<211> 194  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(194)  
<223> n = A,T,C or G

<400> 492  
gaaataacac tcaggagcga ccagggactg agcgagtgga gttgaccgga gcaagangag 60  
gncctaaaaa ttcaatnncc ancaaccaca tgaaggctca caancatctg tacagntaca 120  
agtgtactca catncataaa ataataaata aataaatatt tagaatgata tcgngaaata 180  
aaggtcattt aatt 194

<210> 493  
<211> 118  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(118)  
<223> n = A,T,C or G

<400> 493  
catcggtgac ctgccaaagga gtgaccataa aggaannacg aacttgnent gtttgggcat 60  
taaagaaaac gtggtttnaa naatganact nttacctggc ctcttcctaaa acgacata 118

<210> 494  
<211> 255  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(255)  
<223> n = A,T,C or G

<400> 494  
gattccaatg gagggagatg cccacntgag agatgggagc ngatcaaaaag ccccatctct 60  
ctggattttc tacacaacca gtatgaagac aaaaaggaag atctgaggct ctgagggtg 120  
gggtgtggtg tgcacaccag tacttgggat gcagaggcag gtgaatctct gtgagttcaa 180  
ggtcagcctg gttacatagg gagtttcagg acaatcagga ctccatagag agactcggtt 240  
tcaaaaacaa aacaa 255

<210> 495  
<211> 267  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(267)  
<223> n = A,T,C or G

<400> 495  
taacgttagc cttacggctn gaaattnacc ggcantgct gtgcatctgg gccttgcttt 60  
gctccagctn gtcaganccg aagnccgaga aagtgnntca nancggncng atgggcagcc 120  
angcncgtgn catcacaan actcacacac ngacttcaag anagcctttg ggtcatcgct 180  
cccttttctg tcctttttgt gcatttttagg acaccgctgt ggtctgtcca agctgttctc 240  
aaaacctgtg aggtaacaga aaaaaaa 267

<210> 496  
<211> 373  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(373)  
<223> n = A,T,C or G

<400> 496  
aacacaggct ttgcttcaac atgagcaaag tctctgagca ttcaacccca aagggtctgac 60  
ctaccttgcc cagccgacag ccgctgaggg agtagctgga ctgagagagt gctgctccag 120  
tgcttttgac atcttgtcta acaaggcacc caggcttccc cgtgggaggg ggcggggcgg 180  
ngggcagtga actttgatga ggggctgtg aacacagact tctgaactag actgcttgnn 240  
cttcaactgt anctctaaca tgnctgtctg catanagaga gttanacccc tgcctctnna 300  
tcatactgaa natgactgnt gaaagagana atgaaaaant acctgggttaa aaagagaata 360  
aacactaaaa acc 373

<210> 497  
<211> 145  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(145)  
<223> n = A,T,C or G

<400> 497  
gcctggagga ggtgcagcgc actgcctaca cctntgagag ngggntgggg cctgcaaccc 60  
aggccctttc caaganatct ggcntggcct gcaaggcatc tgcccacccc ttaacagcat 120  
cctgcccngt tttctttgac tgtgg 145

<210> 498  
<211> 205  
<212> DNA  
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 498
tcaacggcca tgtccgattt gacctgcccc cgcanggctc tgtcctggcc cggaatgttt      60
ncacccgggtc ctgtccctcc cngcactagc cctgctcgcn ganctgngag gaagaanagg      120
acagggctgt accgaccgga aaagggggac ctggaagagc cgcccggccc taaaaatctn      180
ctaagaagaa aagcaggggg gagac                                           205

<210> 499
<211> 379
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(379)
<223> n = A,T,C or G

<400> 499
ccctcctgga gacagatgga agctccttgg gtcgacagat tacagcttct ggaacccctt      60
actcccttca actccgagat ggacacccac tgtccaggga gaggatgcct ggaaataaca      120
gctgggatct acagtggcca aagagttgtc tccgtcttgc tacatcgaca aactggngct      180
cctgagttag gattgngccc tgggatggng gattcagttc nttcatttat agttggaaga      240
agantnaaga ggatgtagn tgtccntntt tntattccat gcncagtgcn aagagngact      300
gnaccctcca aanggangtn ccgtgatggn ncttcnaatg cntgcccga ngccgatgat      360
caaccctgca ctccaaaag                                           379

<210> 500
<211> 113
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(113)
<223> n = A,T,C or G

<400> 500
atctcacgta ccagatgcta acanaggang ggnctgangc agcctggctg ccacaggctg      60
canaaaggct cccgatggnc atnagaccat atngaccgac ccagaggcca ccg          113

<210> 501
<211> 147
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 501
catccaacgt gtgatnagcc catntctgtc canctggggg aggcactttg tgctgnncac      60
canntcaacc tgcttaangn tgatgacatc actgaaactn tagngnatgg gccngcctct      120
gtaaaatcga tcgagagggc aaaccac                                           147

<210> 502
<211> 169
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 502
aataattgtc tccccgcctg gccaatcage cctctttttcg gcaatactnc angctacctc      60
agagcatcga actccaagca cttnacanta ctggtttgng gantcncana acnaccctaaa      120
gancagcccc natnantncc tttgnctgan gggggatccc gcatacatc      169

<210> 503
<211> 213
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(213)
<223> n = A,T,C or G

<400> 503
cttttttaaac agactganca ccgngtgctt ctgcgtcaag atgatctgat gtctgaagtg      60
gactctcact aacctatgat gcgacacaga cgctaagtat agacagctat caagatggac      120
agcaaagcat ctgagttcag ttcccagaat ccctggcagc ttacaactgc ccgtaactcc      180
agctcatata tatgtaaatc aaaataaaaat aaa      213

<210> 504
<211> 176
<212> DNA
<213> Mus musculus

<400> 504
ccctgacgat ttacaggaga tacaggaact tattaatgta atgagacaaa ctgggtttcat      60
tttcctacaa aggaagaaaag gattgtagct acactgtgat ctttaagtagg aaatgtcctt      120
gtgccagagg ttcaaaggaa gcaccagcca tcgtttaatg agctccgctc gagcca      176

<210> 505
<211> 103
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 505
aagcttcacg ggtaatgacc caccttggag aatgggaaaag ctttatnaag ngggtagang      60
agaattttcc tgacactaaa gaataccttg atgacattaa aaa      103

<210> 506
<211> 380
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 506
tcctcatgcg ggtgaagtat cttttctttt cctggctggg gggtttttgtc ggaagctgga      60
tcatntatgt gcagtattca acctatacag agctatgcag agggaaggac tgtaagaaaa      120

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tcatatgtga	caaatacaag	accggagtta	ttgaccggac	ctgcatgcaa	cagcctctgt	180
gtcacagaaa	cactgtactt	tggaataatgt	ctgtccaaca	ngcccagcaa	ccagangtgt	240
ttagnagttn	ttgatnntct	accannngat	gctnanngtn	nnntggnaca	agctnttcat	300
nttgnctnnn	tanntgnnt	ggatncnnta	nctgnagtat	cagctatatg	atanaccgac	360
caggggaact	actgctctta					380

<210> 507  
 <211> 186  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(186)  
 <223> n = A,T,C or G

<400> 507						
aatttgagca	ctctgtggct	ggctgactta	taaattgacc	tgatangtag	gtccttggac	60
tgngatgaaa	gaggcgact	gagacactaa	nnctnnatgg	ncttgggctc	cccgtccggn	120
cgggnntttc	tcngagacag	tagtgaanat	tgggggtgctt	ttacaaagct	ctatagccac	180
catctg						186

<210> 508  
 <211> 438  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(438)  
 <223> n = A,T,C or G

<400> 508						
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ggatgggcaa	cccacacgga	gatacaagac	catttgaaag	atgcctgatt	gaaagattgg	120
attgagctgc	cgattcctgt	gagctgtact	gctgatgtcc	tgacaatgca	gattggattt	180
gctccaaaga	actatttcta	aacaggttct	tctttgccct	attaatcttt	ccttcccact	240
acctctgggtg	tgnggggcta	gaagggacat	taaaacattt	aagaacaaca	accctcgaac	300
tgtgaggctg	tcagcttcag	acaagagaga	ctatttactt	aaatggccaa	tttttgttta	360
aaatggccac	tcaaattaaa	aggaaaagtg	aggatctgga	gagaggctca	ncanttaana	420
acactgactg	atcttcca					438

<210> 509  
 <211> 239  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(239)  
 <223> n = A,T,C or G

<400> 509						
gactgagggg	cccctctgct	cactgaganc	ctggactttg	aagagncaag	nnnacttng	60
ttgccaggct	cctctaactg	ccnaaggat	gaccttatcc	atctggccag	tncttcaatg	120
ancacttnca	ccnaatanat	ggaattcnca	nccaacagat	ntttcccca	tgatccctca	180
cctggcggat	tgtctcatat	agnaagacat	cgtcaattca	cctcactgga	gacacagtc	239

<210> 510  
 <211> 170  
 <212> DNA  
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(170)
<223> n = A,T,C or G

<400> 510
ctcaggcctg ctgtcaaaac acaccaatgt ctttgtcagc attcaggagg cagaggcagg      60
cagatcagct gtgagtttgt ggncagcctg gtatctacct caagttccag gtcattcaaa      120
gctacataat gagaccctga tcaaacgaaa tgaaaggaaa caaaaaacaa      170

<210> 511
<211> 305
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 511
atccccatct tgaatcagag cagctgttga ccaaccacag agcctctgga agtcaggcct      60
atcagcattc ctgcatggaa gantgaggaa ggctcctncc agaagctgta tcaccagtga      120
atgatgactg ggaanaanat tggttgganc aaaagggtgc ntttgatccn ccaaggccct      180
taaaattcca caaaaagggtg gaatttnntt ttgcttaaaa aaaanggggn gggaaathtt      240
ttnaaaaaag ggtttcccc ccntgggga aaggttcccg gaaaaaaaac cccttttttc      300
cccg

<210> 512
<211> 297
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 512
tggcacagcc tgatanaccg nnaganttca ncaactgttgn atgacaatat cacacancaa      60
agtgggtgatn ggctcagccc tcagagacct ggcancatnn aacactattn gtggtnngaa      120
nccccacacnc tcccaacacn catttttgtgt cacagaacca gacgtntgac tcctnacctt      180
gggctngctg gaccgccttt agaanaagtg tagcctagtg tgnngtcccg atcagaccca      240
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<210> 513
<211> 414
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(414)
<223> n = A,T,C or G

<400> 513
gcaggcatac tgtgtaacag tntgtanact gaaaggcctg ggggctatgg agagagacnc      60
cggaaggctn gccagctcc ggctcagcaga cangctcttg tgcgtncccc ttggaagaga      120
nggaggagcg aattgacaca ggatctcatg tgcaacantc tancttcaaa cttgctatgt      180
ancccaagat ggcgacctcc tgatactcct tccagttccc aaatgtnggg gtttcacgca      240
agcaccgtgc aggcacagac atcatacatc tgctacccag gagactgacc tcanaacagg      300
acggagacaa aaggttctcc aaggaaagtt ccagcagagg gaggaggcca catcatctca      360
gaatcatcct aggagaacan caacgcattn catgtcctgc ttcagaatgc taac      414

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<210> 514  
 <211> 172  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(172)  
 <223> n = A,T,C or G

<400> 514  
 ttttattccc ccatgctggg catggaggaa aggccttgct atgccacang gnggngngga 60  
 gncgncctca cattgggcat tntaagatgg nactgacngc tgggttctaa ggggtaaaca 120  
 tagtctgcnc acatgcaggg gcaggntncc caccatgtgt tctgcctttc cc 172

<210> 515  
 <211> 279  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(279)  
 <223> n = A,T,C or G

<400> 515  
 gcgcgccaac ttcacaactt cctntccccg tcacaggggn tctatntncc ccgccngttt 60  
 ggcggaagga tnccgcgcgc ggnggcggan ncnngctnan ccgtctnccg ccgggctncc 120  
 ncccccccc accccacagg nccagagggt nacaagnnnn taagctttng ataatngaa 180  
 gctccaggta nagaggatgc ctgccggtga gcacattaca gctnttgctg tttctggtgt 240  
 atgtaatat taaggttgaa aaaataaatc tcaaaagca 279

<210> 516  
 <211> 363  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(363)  
 <223> n = A,T,C or G

<400> 516  
 gactgagatg gataacgacc agccgcctgt ggtgactgcc accctgctgg tgccccttca 60  
 gaacggnagc tgcncngaag cagntgaggc cctgctgccc catggcctga tgggattgca 120  
 tgaggagcac agntggatga gcaacaggac agagcttcat nacgagctga ncnctggaga 180  
 ggtgtncacc gacagcatct tctttgncgc tttgnggtng ntntccatct ttggcaantn 240  
 cntngtatgt ctggncatnc accgcatccg gaggactcag nccaccacca nctacttca 300  
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 tgc 363

<210> 517  
 <211> 152  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(152)  
 <223> n = A,T,C or G

<400> 517  
 acatcctatg tggatggggg ccancttaga acaccttagn atgttnagga tatngctttt 60





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<220>
<221> misc_feature
<222> (1)...(183)
<223> n = A,T,C or G

<400> 521
actgagggtat gaactgctag agaaataaag ttctgccaaa atattgcata tactagtatc      60
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ggactgggaa aaagtggaaa taaagtgatt gtatttttta atcatcaccg tataaaaaaa      180
aaa                                                                    183

<210> 522
<211> 110
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(110)
<223> n = A,T,C or G

<400> 522
catgttttat ttgacaattc ctgcggcgtn taaagtgaan gtncatannc ccctgngccc      60
gcgctcggtc actcagactc acatagnntt ggctgctggc tgcgttccca                110

<210> 523
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 523
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tcacangtnt gnatnnattg cctactgtgt gccannctgt acaagtcttt gtccttgggc      120
tcctgctaac agatttttaa atgtaaatcg acaactgatg ggtgaatgtg aatttgctac      180
tgtgaataaa tatagccagt a                                                201

<210> 524
<211> 128
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 524
cagctggctc caaaggtttg ngggntcatt catnnctctg acctcactgn ctgaataaat      60
gaataaaatt ccaaataagc atncttgctc tgaccccggg cctaaaancg gngatcctgg      120
tggggctg                                                                    128

<210> 525
<211> 377
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

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<222> (1)...(377)  
 <223> n = A,T,C or G

<400> 525  
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 atgcaagagc tgtctcccca cagttngtgg gggtccattt atattctttc taaacatcac 180  
 aagccctctc aagtgtctgc agcaaaacat cacacagccc tctcagaaga cagcgtccag 240  
 gaaaacatca cacgatacaa gggagttngc taaaganacc agaattttcc cacttccatc 300  
 cagaggcagg tggatcttct gtgagttcaa gaccagnctg ttctacatag canggtttca 360  
 agctaggtag ggttaca 377

<210> 526  
 <211> 140  
 <212> DNA  
 <213> Mus musculus

<400> 526  
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 cggttcatcc acatgaagat tcatccaagg ggaaaaccag agttcttgga agcccagatc 120  
 caaaacccaa agaaaaaaaa 140

<210> 527  
 <211> 248  
 <212> DNA  
 <213> Mus musculus

<400> 527  
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 ccacagttaa gctctggaat gtgctcagga tgatggacaa caaggactta gaagccgaaa 180  
 tacacccttt gaagaatgag gacaagaaat cacaggaaaa cccaggaaag ccccgtaaa 240  
 aaaaaaaa 248

<210> 528  
 <211> 121  
 <212> DNA  
 <213> Mus musculus

<400> 528  
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 gagcacattg ggttgacaat cttctcgcag aggcagggtg atcaacctgt ctttcatgcc 120  
 a 121

<210> 529  
 <211> 281  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(281)  
 <223> n = A,T,C or G

<400> 529  
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 gggacctttt tgaccaagaa aacatggagg agatctccca actcgcttcc ctggagatgt 120  
 ctgggggatg tagtcgccaa tacaaactca accagtcgtc ctagaaaaac ccagctaccc 180  
 agactccggg tacgttacgg nagcgaacat tnttcagggt attcggatcc aaaggncgcc 240  
 agacaaagtc ataataaatt acggaagtga acccctgcaa c 281

<210> 530  
 <211> 101

<212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(101)  
 <223> n = A,T,C or G  
  
 <400> 530  
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 agatggcgctc nncagatntt nagancagca gctcttcaca t 101  
  
 <210> 531  
 <211> 177  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(177)  
 <223> n = A,T,C or G  
  
 <400> 531  
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 cttctttcct gccntggaaa ccagtgaact gntnttcctg nnctatgnan tatgaacngt 120  
 atnacngtcn gtgnagttat ctgcatgaac ctntactag aattaccttt ttagagt 177  
  
 <210> 532  
 <211> 367  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(367)  
 <223> n = A,T,C or G  
  
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 cgtggagggt gccgacagga caccaactct gcagactgtg tcttctcaga aagccgcgac 180  
 cagctctgaa aatcaaacc tcttcagctt gtgtcaccta cggaacggac agccagtcag 240  
 ataaagaaaa caagagaacg gtggaaaagc tcagtgcattg ttcagttgac attagaaaaa 300  
 tccgcaggct gaaaggatgg ggtgcttcta gaggaagaaa cctacgttga agagattgca 360  
 aatattt 367  
  
 <210> 533  
 <211> 102  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(102)  
 <223> n = A,T,C or G  
  
 <400> 533  
 ctctgtttc cagtgtgatc aatcaccaat acaaaggagt tcattgtgaca nctnccgac 60  
 ttttaatatg aagcacttat tgaattataa aaaaagaagc tc 102  
  
 <210> 534  
 <211> 212  
 <212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(212)

<223> n = A,T,C or G

<400> 534

ttctagtgcc	aatcaggaga	gctgaccggg	taccaatttc	tttcaaggtg	ctcccaggtg	60
accatgaata	tccaaaatgt	agatcaaaga	gaacgtcgta	cgagtggtag	atccctaaag	120
gggtcttaaa	gacgggctgg	atgaataagc	acctgaacct	ggtgccggcg	ctggtggtag	180
ngttctatga	gctggactgg	gacgagcctc	ag			212

<210> 535

<211> 337

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 535

ctgtcaatag	ctgcttggtg	agggggccagc	acttctggac	ctctgnctgc	ggcctgggac	60
acagagctta	tatnangntt	ncaaaaancag	atgtgatgga	ctagagagat	ggttcatgcc	120
actaagagag	atnnactgcc	ctagcagaan	accanagata	tctntgttnt	cagcacccat	180
gntggacatc	ttaaaaacccat	ctctaaatcc	ggctctaggt	gatccaatgt	cttcttccca	240
gactccaagg	gcacctgtac	tcaagtgcac	aaacccacat	tttaaaaaaa	aatatgtata	300
ttaaaatata	ataaaaataa	tctcaaaaat	aacaaaa			337

<210> 536

<211> 255

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(255)

<223> n = A,T,C or G

<400> 536

tactatggga	agacccantg	aatcnngggt	ggggcctttc	cctggactgn	ctgangagcg	60
aagaaagcac	tctgagcncc	ncntnennag	agaggctgcg	gnctcggnen	ctcatgagct	120
gcacgggaat	gccagangag	gnggcccttt	acctccagcg	gcccggagcc	ccaaagagat	180
gagcctccat	cccctntggn	gtccgccatt	attgattaca	ccttgcccct	ncacctttta	240
cctacttgaa	gcaga					255

<210> 537

<211> 286

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(286)

<223> n = A,T,C or G

<400> 537

gactgagaga	gccgagtnnt	gtcnccacag	ccattggcag	nggcacttgt	atgcccctgn	60
caagcngtct	atcctgaggt	ggaggangnn	nccctngngt	tctggctggt	aaccagcaca	120
gtatncctt	taagcgttcc	aganggantt	tganancctt	tcctaantca	aaggtggaat	180
atntggggat	ntgaanaant	agagaatgcn	aagcgcctgac	ttaacgagat	gccacgtnan	240

tccgggggatg ccacnctnac natatttccc caaagatgga ggcctt

286

<210> 538

<211> 266

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(266)

<223> n = A,T,C or G

<400> 538

gactgagatg	ctaagccgat	ggttattcca	tcancacctg	cccaccagta	atggaactca	60
ccgaagcata	cagccgtcct	ctnttgntca	tggccagggn	ncangacgca	gggacaacgc	120
ctgntgncag	atgccgnntt	nnggaaaccn	agcnctgccn	agaggantgg	actccgtgca	180
tcaggatgag	ancaaagaga	acngactggg	actggccatg	caccnngng	tcntcaaaac	240
antaggagag	ggcagataaa	tccttg				266

<210> 539

<211> 498

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(498)

<223> n = A,T,C or G

<400> 539

gacgtctggg	gagctcctgc	attaagtcag	actgaggngg	gnncttncat	ganncggtnc	60
tgaacnnnnn	ggngacgcc	ntnccatggc	ctgagctgna	ntnantacct	gncagatacc	120
tatnaattca	tttattncac	cganaanata	tctacctaga	ggatctagat	ntcgtaccat	180
ggcataangc	ggncctgcact	tgttattagg	aagaataaan	agctctgcct	tancagggtg	240
tcaacattaa	tantacanan	aangcttagg	cnncaagacc	ngttacctct	cccaggaagc	300
atgcatgcag	cactgctctg	gtaagcagat	gcaccccttc	ctgaccccg	gcctaaaagc	360
ggtgatcctg	gtggggctgt	tcctcatggt	tctgatcctc	ctcctgggaa	cctctatggt	420
ctgcctcatc	cgtgtggttc	gcanaaagca	ggagcgtg	ctgcgcactg	tttggagcac	480
tgcggatgac	aaggagca					498

<210> 540

<211> 270

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(270)

<223> n = A,T,C or G

<400> 540

gactgagtcg	ttctgccant	ctttaantgt	ctganttacc	ttgaaagang	tgtggagaag	60
tgcacagtag	tcgccagagc	ggntaaatgc	ngagtcntcn	ttcagttctt	cggnaagcat	120
gggtnttaaa	aagacctcac	attgtgtntt	tccaagacag	cccagccctt	tgaaaatttn	180
tctttcaaaa	aagaggctgg	ggngcgaaat	atccctggat	ggtttaaacc	caagncttgg	240
ctggactgaa	ggcccattgg	ggggtttttg				270

<210> 541

<211> 361

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature  
 <222> (1)...(361)  
 <223> n = A,T,C or G

<400> 541  
 gtgctgtcac cctactgngg ncatacctgtt tgaacacacg actacctatc cctcaaccag 60  
 atcgtngcgc atantaatga agaaacacac aggaacaagt gctgaaaacc anattatnaa 120  
 gaacagcttg agcangggcc cgtgatagaa tgactcagcn aggtgtnttt cactataaa 180  
 cntgaccggg acccacatgg ccagtaccac caacatccta ngaacctgaa tcctcccaaa 240  
 gacaggtgag cgctcgtgat tctctgagca gnaagggaat tttgttttgg gtcttatttg 300  
 ccagctgaga aaatgcaaat ggnatattca ttaagatgtn atgcggggag aaaaataaaa 360  
 a 361

<210> 542  
 <211> 217  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(217)  
 <223> n = A,T,C or G

<400> 542  
 gcatactgga gtgatctggc atagactcat actgtgttag aaaagggagc ctggntcagn 60  
 cctctctggc aggtngcac ctntatnctt ccttcttgga atcaagacat gggattatcc 120  
 ttctctctcc cccaggggtc cacagcacag gccctgctct gtgtgagnga cctccttcag 180  
 agacacttgc cccatgcagc togatgggtt ctgggtt 217

<210> 543  
 <211> 427  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(427)  
 <223> n = A,T,C or G

<400> 543  
 gactgagatg ttaaagtgc accaaggng tagtgatggn ggtggntgga ggctgggtcat 60  
 ctaccttaac agcaaagaca ctaannagat gtntcaagat gctgcgccct ttaccgatgt 120  
 ctgagttgtc cacacttcca tcctgatgtc cttatgtggg tgaagatgat cccaacctgn 180  
 agccaacaca gaaaagcccc taacctgtgg ncctcaccac ctctacagca ntgaagggtc 240  
 ccagngtcac cctgtggacc caccacaccc agctgaagaa ggctccagga gataacagag 300  
 atgggtgggc atcagggtcct ncaacttcct aaagatagga ctaacggggg gcctattatt 360  
 atcgggtgnc ctttctttgn tctttccatt attctgatca ttccaaatat taacccttta 420  
 aatactg 427

<210> 544  
 <211> 362  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(362)  
 <223> n = A,T,C or G

<400> 544  
 ctgggcacag gccatagata cttcttgngn aactctcaaa ngttggattg gatatcangg 60  
 ccgngntcat ancaaaagtc ngngcagnan gcctnctngn acgntcnang ncagggcngg 120  
 agacactgan cagccnatct ggcctcagca acnagcacct gacagtnngg acngtanaga 180

aggctctcac	ggctgcnatc	ggaggctgca	aacgccgagn	ttnncggccc	agcaggtnaa	240
catatgggca	gcaatgctgn	ngctgtcacc	accaccacca	ccatagccac	tgtcaccacc	300
gaggatagga	agaaggactt	taaganaaac	cgatgnctgg	ctattgggat	acagggggac	360
ga						362

<210> 545  
 <211> 235  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(235)  
 <223> n = A,T,C or G

<400> 545	
gggcacccag	acattctacc
ccacaggtca	cctggctgag
gctganccca	cctgcagcca
aaacnggntg	aanagccatc
tccaagaaac	cacgctacag
ggccagtcgg	aggttgcttg
agccttccag	cactaaggtc
aagggcnaaa	cttgaggggg
tcaccagata	aaagtggctg
ccagacagga	ggaagtactc
cccagcagtg	caaat
ggggggggcc	
	60
	120
	180
	235

<210> 546  
 <211> 117  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(117)  
 <223> n = A,T,C or G

<400> 546	
cgttaggggc	aaaaacccag
ttgacaagta	taaaggagg
tgagcaggcg	cntgtcagga
gtactcgact	ctcagcctgt
aataaataag	aagaata
	60
	117

<210> 547  
 <211> 206  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(206)  
 <223> n = A,T,C or G

<400> 547	
gactgaggac	ggtacaccca
ngtgaatatt	tcagnggtnc
ggaccaggct	gacctatgcc
cagcattttt	ttttttaaaa
tangcagggg	aatagggaan
agccctgggn	tgtnctgaaa
tgggatgaaa	ggcagtgcac
gggccc	caccactatg
	60
	120
	180
	206

<210> 548  
 <211> 239  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(239)  
 <223> n = A,T,C or G

<400> 548	
gttaagaact	gttcagatac
cacgaagtca	tcattgtgacg
tgacagataa	gtgggttgga
	60





<400> 553  
actgaggaaa gaagangatg gagnagnccg cgaatctgag gccttggtc cegtgtttgg 60  
gaccaggagg gaaggagaga agatagattt cgctgagaca cttgcccggg tcccctttgtg 120  
ggtcagaatg ggtcccgatg agaacctgag tgtgagagtg aaactacgga gtatcatttg 180  
tagcttttgtt cctcaagact tgccatgaga tttaagtaga gcgcctgtgt ggaaattgtt 240  
aattgtagct agtcagatcg aagactattg acagcat 277

<210> 554  
<211> 109  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(109)  
<223> n = A,T,C or G

<400> 554  
tttgacctgc tcctgggaan ttgctgnntc gtaaaggcac tncnntatgg aactgcagca 60  
gccnncaagg acagcatctg ctataaccta cagaccgtgg gggaggtct 109

<210> 555  
<211> 215  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(215)  
<223> n = A,T,C or G

<400> 555  
ttcctacagt tccacctacc tcgtgtgtac aaagctgcc a ccttncagnc ctctngggctg 60  
gnctcctgta ggacctgnga tcccacctcc ngactccagn tacnccanc tccacctga 120  
anggggntct tgctngccaa natatcanc ctgaattctc ctaacaaagg tgtactgtct 180  
gactttatga ctgacntccc tgtaaccca ctttt 215

<210> 556  
<211> 358  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(358)  
<223> n = A,T,C or G

<400> 556  
actgactgcg agtccccag ttcccctgga gatctagctg ggagcccagg ctgtgacaag 60  
acacgcggct gtgcaaaggc ggtagacat tatggaggag acggtggaga agacagtgga 120  
gcacctggag gcggaagtga caggctctgct ggcctgctg gaggaactgg cttcaaacct 180  
tcccacaggg cccttcagcc ccaaacctga cttgcttgga gatgatggtt tctgacttcc 240  
agggatggtg gagcctgcca gctgaagtca tccctcanag aaccaagcca ggtcttcctg 300  
ccttcctgcc ccacctttgt gtgaaataaa agctccgatt tggaccctaaa aaaaaaaa 358

<210> 557  
<211> 471  
<212> DNA  
<213> Mus musculus

<220>  
<221> misc\_feature  
<222> (1)...(471)

<223> n = A,T,C or G

<400> 557

cacttttcac	gcaatgtccg	atcgtttggg	gcaaataacc	cagggcaagg	atgggaaaag	60
caagtactcg	actctcagcc	tgtttgacaa	gtataaagg	aggtcagtag	gcagctgtca	120
ggtcctcagt	tattcctaga	catggcttac	agagtctcgg	gaaagttgcc	acantccggc	180
ggnnngccacc	cgcctgcaaa	cctgccaagc	ctgaagtctg	aaaacaaaag	aaacgacccc	240
aacatcgtga	tagttcccaa	ggacgggaca	ggatggggcca	acaagcagga	ccagcaagac	300
ccaaagagtt	ccagtgtgac	ggcctctcag	ccgccggagt	cgcagncgca	gccggggttg	360
cagaaatctg	tctccaattt	gcagaaaccg	acacagtnta	tcagtcanga	gaacacaaat	420
ncagtgnacg	gtggaccaac	antcatgggc	nnaacagagt	acaagtagtc	g	471

<210> 558

<211> 362

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(362)

<223> n = A,T,C or G

<400> 558

gactgagatg	ggaacagcac	atcgctggtt	tgggggaagt	ctacaactac	tcctgtgaac	60
cagattcaag	aaacaatttc	tancanttgt	gtggtgatct	tctcaaaaac	atcctgctct	120
tactgttcca	tggccaagaa	gattttccat	gacatgaatg	tcaactacaa	ggctgtggag	180
ttggatatgc	tggaatatgg	caaccagttt	caagatgcgc	ttcacaagat	gactggggaa	240
agaaccgttc	ccaggatatt	tgtcaatgga	cgattttattg	gaggcgcagc	ggacactcac	300
aggcttcaca	aagaagggaa	attgctgcct	ctggttcac	agtgttattt	aaaaaaaaaa	360
ca						362

<210> 559

<211> 135

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(135)

<223> n = A,T,C or G

<400> 559

ggatgccctt	gggggggttcg	tgtatcgngg	ggtcaatgct	ctacaggcca	nantcaccct	60
tattgaaagg	gangtncctc	caccttngt	tcatggcana	agantataag	ntganagctg	120
tctgcggttc	ccttt					135

<210> 560

<211> 174

<212> DNA

<213> Mus musculus

<400> 560

gaactgaggt	attctcatgg	gagcagtaat	aaaagttata	gagtttataa	agctggcaaa	60
ttggaaggag	gaagaaatgt	ttcgccccaa	catgtttttc	cttctcttgc	toaccactat	120
tatctttgag	tcaggatact	cactgcacaa	ggggaacttc	tttcagaaca	tcgg	174

<210> 561

<211> 300

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (1)...(300)  
 <223> n = A,T,C or G

<400> 561  
 atctctactg cctccaacac gccgaatcct ggctganctt ttacagcaaa cagccaactg 60  
 gaacaagatg aatgtggaac agtaccctgc ccctctggag tgttataatg agttgggaca 120  
 tgtctctgta gaaagatttg cccaactttg tcaggaactc atggatacac taagggcaat 180  
 aaggcagccc aagagcctct cttttgctac acgtatatgc cacaaatgtg gcgagccctg 240  
 tgtctatggt caggggggta gactttgttt ttgctggcgg ngaacatgga ttcagaactt 300

<210> 562  
 <211> 192  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(192)  
 <223> n = A,T,C or G

<400> 562  
 atttcgcaac tgaaaacttg aatcatttca gggccatacc cattaaacaa gcacagtgcc 60  
 aggtaaaaatg acaggcgaaa ctgcatccat gaatttacgg agggactatt tggttttcat 120  
 ttantacttt taccacctca ttttatgtct ccggcaaagc caaaggaacc aaacttactt 180  
 taacaaaaaa aa 192

<210> 563  
 <211> 359  
 <212> DNA  
 <213> Mus musculus

<400> 563  
 ctccaacctg tcaagttggt ggagatcctg caatcgccgc cgccgctgca gcagtcctga 60  
 aagcggcaga gccatgcagt gagcacatcc agcgaccgcc ggccccacag aggaaggctc 120  
 cagcctggaa aggaaatgct atgagatggc aagataggga caagagagac agtcctgagg 180  
 tttctcagtg tgacagcgcc caaaccagag ttcagggtccc aactcacagc caggttccct 240  
 cgtacgcccc agcgcttcct ctctaagcct tagaagtga aagtatctggg gggtgggaca 300  
 atcaccaagt atgtctacaa acggctttcc ttaaaccatc atcaataaag cgagcaaga 359

<210> 564  
 <211> 327  
 <212> DNA  
 <213> Mus musculus

<400> 564  
 ggcaggcaca gctcctctgg cagacgtagg tcctgggtgga aacgggggttc aggggactcc 60  
 gcagccttca ccagcatgag ccattccagag gagtcaacag aggtgacact gaagactgac 120  
 gtggagtcag gagccagtgg ctacagtgtc acagggtggag gggatcaggg gatctttgtc 180  
 aagcaagtac tgaaggactc gtcggctgca aagctgttca acctgagaga aggagatcaa 240  
 ctgcttagtg cgaccatatt ctttgaccat atgaaatatg aagatgctct taaaatcctt 300  
 cagtactcag aaccatacaa agttcag 327

<210> 565  
 <211> 119  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(119)  
 <223> n = A,T,C or G

<400> 565

tgtaatggaa tccgatgtcc tcttctggtc tgtctaagag atctacagta aataagtaag	60
taaaaaagaa ggaaagaaa acaagaaaag ganagtgaat gaaagatttt ttaaaaaaa	119

<210> 566  
 <211> 125  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(125)  
 <223> n = A,T,C or G

<400> 566	
agatcccca ctccaccaa nagccagctt tangtgtnnt aangacagta cnaccatcga	60
gcatggtingc tcctctgnat gnngggagat gatgactgtc ncattgctgt gtgatggcct	120
ggaat	125

<210> 567  
 <211> 362  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(362)  
 <223> n = A,T,C or G

<400> 567	
gggatcgttt gcctaagatg cgaccatgcc atccaggctt ctccacaccc tggcaagttt	60
acacagcata tcaagcaaag gctcatcagt gccagagact tacttggtt acattaagac	120
cacttaggaa atcctngaaa gtacattttt gccacagggg gcctgacaat acangctaca	180
ttgacnctnn ttatttgcac cntatgncng ntgancagtt cgganncggn ncanganata	240
cctggaaang annccgataa catcangaca caagccagac tctttgtcgn taaangctag	300
nccatnnggt tggacngcna aaaacaccng ncaagncnnt gcnccccctt ttgggaatca	360
ca	362

<210> 568  
 <211> 186  
 <212> DNA  
 <213> Mus musculus

<400> 568	
gaccggagct ggctgaggat ccaggcagga gctgtgcagc atctgagtca ggctcgctct	60
ctccacaccc ccagagccga cctgcctgaa cattcgaggt tattcttagt aactctcagg	120
tttcaactcta gcacactgag catgctcaag tgggtaaata cagaaatctg tttttaaaaa	180
aaaaaa	186

<210> 569  
 <211> 101  
 <212> DNA  
 <213> Mus musculus

<220>  
 <221> misc\_feature  
 <222> (1)...(101)  
 <223> n = A,T,C or G

<400> 569	
acctgactga gacatgcagc ttccctgtgc ntcactaggc caccaggata tccacctgtg	60
acctcncntg gataaatgtt tctgtttttg aaaaaaaaa a	101

<210> 570

<211> 137  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(137)  
 <223> n = A,T,C or G  
  
 <400> 570  
 tattctcaga ggaataggga agaattnagg aaaatctgnn atttcctacc nngaccango 60  
 nncagaagct tcccacannc ntgtaggcat tgccgctcat caggaagtcc cgtcttacgg 120  
 aagccagtta tcactta 137  
  
 <210> 571  
 <211> 412  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(412)  
 <223> n = A,T,C or G  
  
 <400> 571  
 tgagcctgat gatagcagat cttaatgatg gaaggtagac gcccatgcan ccttgtgaan 60  
 caactgggac cacanggnca nagagtcccn tgataccan gtntcatttn ctcaaggacc 120  
 cagcagactg aggacatctg caaaattcct aaggctagag ngaaagacta cagngaactc 180  
 taacacccca gcaaggctcc accttctcct atcagagcta cgggacaccc aacctgggac 240  
 gcacgcagtc ttctctgcag ttgggacagg nnnntnntct gnccttgntt tcccacagcc 300  
 ngtttttcan nnctnanatt nccatgctng tggggccctg nattttagna natnntggan 360  
 canntgtgnc ctggggcggn cccagcgctc acctggaaca gaggggagcc ca 412  
  
 <210> 572  
 <211> 426  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(426)  
 <223> n = A,T,C or G  
  
 <400> 572  
 ggagctgggg agaaggtgaa ggcttgccat gntcannctg gccaagcca ttccaggagc 60  
 tatctttngt tactattgct gtgataaaac accntgacca aaggcaaggt ggagaangan 120  
 gggttnatth caacttacaa ctcttggttg actccatcac tganaggatt tgaggcataa 180  
 actcaaggaa caaacctang aggtaggaac tggangacat gggctnggag aagactgctc 240  
 ttactggttt ggtncnctat gtttgcccag ggtgctttct catacaactn aggaccaccc 300  
 ncgnagnngg gccagaggtg caccacccgt ctgtaactcc agnttcaggg gataatctga 360  
 tacctctttt tggctccaag aacangcagg catatacaca taaatgcagg gcaaacatt 420  
 catacg 426  
  
 <210> 573  
 <211> 767  
 <212> DNA  
 <213> Mus musculus  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(767)  
 <223> n = A,T,C or G

```

<400> 573
gtactgctca aacggacctt cgaggacaga ttgcgagagc tctactcgag acagcagggg 60
gacaagtctg cctccagttc tctcactggt ggatcttgag acaacaggaa aatgacttcc 120
catgacccaa aggccgtcac tcgcagaacc aagggtggctc ccaccaagag gatgagcagg 180
ttcttgaaac actttacggg ggttggggac gactaccaca cgtggaatgt caactacaag 240
aagtgggaga atgaggagga ggaggaggag ccagcgccca catcagcaga gggtaggggc 300
aatgctgcgg gccagatgc cgaggctggc tctgcctcca cgcccaggca gtccctggac 360
ttcaggagcc gactgaggaa actcttcagt tcccacaggt ttcaggatcat catcatctgc 420
ctggtgggtcc tggacgccct cctcgtgctt gctgaactcc tcctggattt gaagatcatc 480
gagccggacg agcaagacta tgccggtcac ggcggtccac tacatgagct ttgccatcct 540
ggncctcttc atgttgggag anttttttta agatcttcgg cttncgctta gagttctttc 600
accacaaagt ttgagaaacc tggatgcctt tgtggtggng gggcttttnc gtccttgacc 660
tttggtctntt gttaaaagcc cccctctcna aactcttngg gttgctnanc tgctttctnc 720
tttnaggggg gcccccctta ccaccgggnt ctccatctcc gggaaaa 767

```

```

<210> 574
<211> 456
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(456)
<223> n = A,T,C or G

```

```

<400> 574
ccttgtaaat gcaatggctg gaagacccta acccctctcc tactccacca agaggagacc 60
tgcagcagat aattgtcagt ttgacagaat cctgtcgaag ctgtagccat gcccttgctg 120
ctcacgtttc tcaacttgag aatgtgtcag aggaagagat ggacagactc ctgggaattg 180
ngttggatgt ggagtacctc ttcacctgag tccacaaaga agaagatgca gataccaaac 240
aagtgtactt ctacctatct aagctcttga gaaagtcaat tttannaaga ggaaaacctg 300
tggttgaagg ctcccttgag aagaagccgc catttgagaa gccagatatt gaacaggggtg 360
tgaacaactt cgtgcagtac aagtttagtc acttgccatc gaaagaagag gcaggacanc 420
gatccgagct ggcccaagat gtttctgaac cgcatt 456

```